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144

CONTENTS

Prize Editorial ("Science-Scientifiction-Science")
By F. B. Eason

The Birth of a New Republic

By Dr. Miles J. Breuer and Jack Williamson

Illustrated by Wesse

Elaine's Tomb

By G. Peyton Wertenbaker

Bairsted by Morry

When the Moon Ran Wild

By A. Hyatt Verrill

Bourned by Moore

Service First
By David H. Keller, M.D.

About the Readers' Editorials

Our Cover

This issue dopiets a thrilling tone from the torry entitled, "The Birth of a New Republic," by the super-seembination—Breast and Williamson—in which the new colonists of the moon are shown being boisted from the secret caveras, in an effort to warn Firercess, one of the colonists of the moon are shown being a first to warn Firercess, one of the colonists of the

Cover Illustration by MOREY Jenuary 20, 1921 AMAZING STORIES QUARTERLY

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Science—Scientifiction—Science

By F. B. Eason

CHICAGO A close and trailings, gained to all to the Chicago and the Chicago an

Filter is now make them are related over the effective control of the control of

PRIZE WINNER
F. B EASON
400 Jefferson Avenus
East Posst, Georgia
(See page 144)



The Birth New

By Miles J. Breuer, M.D. and Jack Williamson

> CHAPTER I The New Frontier

in the last year of the twesty-fourth

present of a long and norther first control of the present of a long and norther first control first period of the present of a long and norther first period (print closing, which was perhaps the meet important in branna history, During any Medium, the human celouies on the mose have grown from wask, anattered cities to the proverful and presuperna Lucare Corporation. I was in the minted of the terrallist stranged in which the noticence of that two the terral terral control of the province of the control of the province of the control of the province o

He was born in Pittsburgh in the year 2276. Even a that time, now over a century peat, the United State of America, in common with the other political exprainations that each half under the work, had censed it have any yeal power over the people within its arcicle boundaries. Pittsburgh was a temploid of the Newleleans tents that now raised the world. It was tryind of my father in this behalf where It was tryind of my father in this behalf when

migrate to the colonies on the motor. He processing update raised as the complex, well-covined life of the earth. He was a deep thinker, it as original way? he had spent made of the youth ranning the earth is quest of an outde for his resides carrying of also other for his resides carrying of a processing of the control of the motories and reprecisation of the in the peak cities of earth.

Further was not the man to shut binned up lack of a deak in a little place cape for eight huger of every day, to provide histories of the control of the

bet on the recisel races, countrier a working man's for-

of a Republic

IN these days of standardized comforts and minimized dangers in living and traveling, we find ourselves-those of us, at least, who have a hankering for the unusual-trying to dig out stories of the old colony days, or, more recently, of the frontier days of the Golden West, in order to add a little romance and adventure to this work-a-day world. But such pleasure must, at best, diminish in intensity as the stories become more familiar and anecdotes are repeated. And even if the thrill of new adventure must remain vicarious for an uncertain length of time, tales of pioneering on different planets or other bodies entirely separated from the earth, with its absolutely strange and necessarily conjectural dangers and difficulties, if presented realistically and with plausibility, must be absorbing indeed. A yarn by either of these authors would fromice much. The combination of Breuer and Williamson leaves little to be desired.

tune at eards and dance themselves ragged to bluring jacs, to go home tipsy with "2.200 port." My pasents were not that kind of people at all. It is natural that they thought of emigration to the

mon.

Thre was a new world waiting. There, beyond a quarter of a million rules of space, hardy placers had proposed up a new frentier, now centrals after the hardy proposed up a new frentier, now centrals after the hardy state of the state



AMAZING STORIES QUARTERLY

mere cog in the vast, clumay wheels of recisty. When he had fought for a heree and had wen it, he could take it was trilly his own.

Father was a trained engineer as well as a skilled worknown with his hands. He was sampleyed in the great laboratories of the Metall Copperation in Pittburgh, in which were designed the automaton which

worknam with hit hands. He was simplayed in the proof laboratories of the Metall Cospiration in Pittleburgh, in whirth were dostgated the automation which cash year did more of the protitions work of earth, havter men sever time for victors administ and inner retretion more time for victors administ soil inner retretion of the proting of the proting of the prolate follows. There was opportunity for advancement, for a subary that would enable hit family to take a high place in the artificial society life of the congruenta-

place in the artiferial society life of the corporation's capital, perhaps even an opportunity, if he showed exceptive and financial solities, for him to win a place on the Beard of Directors.

I remember a fat, purepose, red-faced guarthman named Koding, who was reversal times at our recomliance to the company of the company of the comliance to the company of the company of the com-

think he was interested in some fantastic scheme for emorging drogs from India by submarine and wasted Father to help design his apparatus. However that ray have been he had an encolant standing in Fittsburgh society. He diveloped remarkable pensistence in conting to see Father about his plan, in the hear of swarp discouragement awa esteal breach of fluorests, or disformed the standard of the standard of the standard He seemed incredibles when he heard that we were

no segmen increasing when he means take we were be enfigrate to the meen. Young as I was—then handly rive—I remember sitting and hadding up at the grean filther as he ast twicting the bilaring rises on his fat fingers and expressed his episions of such an adventure. "John, you mean to tell me you're goin' to three over your job for a feel thing like that. The smeen's

just a deart—yea've som the musten of it, of course, flot as hal in the day and freezes the air at night. Wild neutatains, full of the damned Selenites, looking for a channe to skill not only yea. "No comforts there—but a heach or a pleasure-painor

on the whole dammed planet. You're not even your our heas. Blay here and you may get to be a flurector of the corporation. On the more you can't turn aroune without a confounded Colonial Secretary of the our negation to give you leave.

"But go ahead, for all of me. I'll wager Mrs. Adams can find another man." He ground at my mether, who was sitting, primly composed in a recking char; then suddenly lurst out into an uprearious length as if he considered that a joke. Father and nothing. Kudang pulled out a huge black

before he went on.

"And think of the voyage. I wouldn't make it for a
case of Bourhou! Not me! Cold, cramped little rooms,
poscengers crammed in like andinas. Keep you half
suffocated, And the space-sichness—ene in a dense
dies, you know. The company doesn't give a dame, part
dies, you know. The

so they get the passage money.

"You have Certifica—the Communications Fifth View"You have Certifica—the Communications Fifth ViewProvident—be had the feel idea of taking his wife in
the moon for a trip when they were married. She took
specs-dichues and died—lack of vibrania J, the medicos
aid. And Hamlin—be was a friend of minn—swant on
a cellection trap to Celcu and cases back with his lange
weeked. And Romith—he had been Colonial Socieweeked. And Romith—he had been Colonial Socie-

tary on the meen for fourteen years—be was coming, hark with the family and a meleculeth samaked the akip. Gees, just like that!" Kleiling rangued his fat fingers. My father attraghtened. "It knew all about that," be raid in his low, courteous voice. "But nearly two million people have zuree to the meen and made a peof things there,"
"Yealt! A hell of a 'go'! You've get to get out in

m the hills with the will meet calves and work like the devel fire had what you'd get in an effect right here. Out in the craters all lary, livings on a lattle caused stell and enumers in the some them early lade to one of the second stell of the contrast tell and enumers in the case of the contrast tells and the contra

awing nothing whatever to do with it, no matter how afe your lawyers say it is."
"Dament, John, I hope Boas Varney gets you—or I rould if it weren't for your wife."

THEN the conversation turned to Varzey and those other famous prints of space. Takes of them always enthalided ms. They were blody and dispersate man, no doubt. But the peril and vomance of their calling cast a peculiar large upon it, and I think must boy of the time decreased of the day when they might run away to space.

Varzey was negheau the most need of them silk. The

that of the cipilit were begins. It has relied in most the three hours had inferred an alteriory of a long that they have been been found in disorder. Yell, Ciry, A few years later in had expected and in disorpredict of the Commission Corporation and in disorpredict of the Commission Corporation and in disorder. The commission is the most. Bit had treated then very cause-bases in the most. Bit had treated then very to the Conference of the Commission of the Commission of the hard had been dependent in the British of Chronic hand had been dependent on the British of Chronic hand had been dependent on the British of Chronic hand had been dependent on the British of Chronic hand had been dependent on the Chronic had been determents. Bell on for as I have year-per all our dependent of the Chronic hand had been determents. Bell on for as I have year-per all our descriptions had been dependent on the commission of the second of the second of the Mexico, in the corporation of the second of the second of the corporation of the Mexico, and the second of the corporation of the Mexico, and the second of the corporation of the Mexico, and the second of the corporation of the Mexico, and the second of the corporation of the Mexico, and the second of the corporation of the Mexico, and the second of the corporation of the Mexico, and the second of the corporation of the Mexico, and the second of the corporation of the Mexico, and the second of the corporation of the Mexico, and the second of the corporation of the Mexico, and the second of the corporation of the second of the corporation of the corporation of the second of the corporation of the corporation of the corporation of the corporation of the second of the corporation of the corp

Kindays beauties short meditions on the upon filter and an institution. They must be some better and a most institution. They must be some better that a simulation of the contract of the con

I laiking the vital air, with the crews fareed to ware anyme halments and the passanger dying in their quarters when the conjugant had been landed in one of it the three great citize on the moon, his treather was far from ever. There were the pale and hardship of the physiological changes necessary to fit one for the lighter air and leaver greatly of the satellite. Lever days in bed in econycention for present parts and days in bed in econycention forestrate; which is the

days in bed in a compression chamber, with the aupressure grandually lowered. Torturing passa in the lumps. A dull ashe in the least for reany woods as the heals becames accustomed to less pressure of gravity. When Coton reached the moso three had been only a trace of all debetable. School he such a definite trace of all debetable. School he such a definite to carry them free of the earth's pull.

Celon and the other early explorers had reflect on alrevessors outs, with heating pade and carries believed and the first untiling operations had been in shafts capped with alrevight dones, in which could be maintained a normal amountylers of sertificial air. But as the mining includely increased, such methods were harrily or the property of the country of the country

Or form, one of the first trained mining engineer to post the men, commutant and about the question of artificial atmosphere. The native reside of the men of artificial atmosphere. The native reside of the second post of the first training of the post of the second post of the first training of the post of the second post of the secon

dibiting coyens for breathing parposes, always been used for many centuries in proparing artificial air for divers in the onesans of fixeth. It is seen soluble in the fivers in the onesans of fixeth. It is seen soluble in the break.

Cardigues also developed an efficient process for the break of the contribution of water from hydrous and coryent, to provide the requirities handling for his new assessphere, the provide the requirities handling for his area sinsequence, the provide the requirities handling for his area sinsequence, the provide the requirities handling for his area of the provided, and here a sufficient attemptor hand here previded, and

weeks of the lines right, though non go alread during the loss dov, twendring confortably.

The confortably are confortably and the loss of the confortable are confortable and the confortable are confortable are confortable and the confortable are confortable are confortable and the confortable are confortable and the confortable are confortable and the confortable are confortable are confortable are confortable are confor

or Die saltziac.

Disconfects and perils were many. During the two
Disconfects and perils were many. During the two
weeks of the brane day, the numbers is assembly as
white agreement with the salt of the salt of the
long night it is althorly celd—as only than the airs we
would, and falls in a crystal saver upon the regred inner
mountains. During that terrible period of call and
durinose, the exclusion were chut up in their salted

citios, and in the theoriest suderpround passages of this raises. Outliney was fourthing. Earnfiles had hidden recent in the wild innar descript; managines of space manders of the Metals warships; picates of space.—The Managines of the Metals warships; picates of space.—The Varous,—while for their livelihood upon their during and their skill in the use of noises distingurants tubes.— The Scheduts were another prell. Those native inthe lunar cratiers and deserth leyoud the onlying burnan certifements, assembner descenting in Needyrades upon the mitners and farmers, massering wide rades upon the mitners and farmers, massering wide the atthern and them surgar their or Sarah between the atthern and them never their or Sarah surgarte states and them now the surgar their states Sach was life on the mosen, on it appared to the Friends and association of my father. His supprise in Friends and association of my father, the surgar of these disadvantages, and come of his plants of the displaying primediately, if he would remain.

THERE were other things to think of. Mother was a slight, firstly woman for all the irres strength of a slight, firstly woman for all the irres strength of moses in the slight of the control of the con

the weeks, tamin may monate necessities. The children ware considered. I was five years (if), my sider notice, Valence, was twolve; and there was a body grid, thild Fay, and then. Our parant feared body grid, thild Fay, and then. Our parant feared was the contract of the contract feared of the contract feared with the contract feared with the contract feared was gave up, would we be wilking to go without the expectations of earth, to be protected. Pattern and mother tailed to us of their relins, though

or course 1 and use young to take model and 1 in the other than 1 in the course of the course of the course of the discourse of the course three, and I delives an indevidue of any own had a good deal to do with the final decourse. It had a little discipline from the father had given see on the Christians before. Its propellers were that the course of the course of the course of the see of the Christians before. Its propellers were that of emigration had turned upon the throught of travel, and one day I left the great community-hold the Phillitarphi, a basis had will level and the out our own owners, I had been their out to have the park about on the course of the course of the course of the course of the country. I had been their not to have the park about of all seventees. And the little succlaim had a suffy over

is mind, and I had been able to incoperities that with a serwed-drive.

Whit the sep for advanture strong is not, flow or to the server of the

the I do not resumine all the details of the invitent, but the way to days before father found me. Formunately, and it was summer. I had found a brite patch, and made and the summer of the found a brite patch, and made all being up on a 1 had found a brite patch and and all being up on a piet to putch the searchers I expected. of When father came, I had just menaged, after a cover of freeliess sattempts, to this acciteminal rability with a re-rock. I was industriously rubbing two nitices together on with the folse of makings a fire to cook it, being hourd

spanked, and cried ever by my mother. I was note to tray, spanked, and cried ever by my mother.

I believe that incident, with its display of self-reliance and hardibood, is what determined my father to undertake the emigration. At any rate, the not thing I knee, it was append that we were to start—

whole bodding cilliation had been endinely created which bodding cilliation had been endinely created who to my delight. I remnibe a trip out to the great span-pert, with crilliand and better-natured triben had been worked to mediate in the sines. These that had excaped sheeps from the largest, with the creation of their troots in

AMAZING STORIES OUARTERLY

ward to the time, when one of those great after globus would carry me into the mayers of the sky. It was agreed that we should emigrate to the moon. But before we put off, a very serious difficulty accouatifically connected with the complex and highly artificial social organization of the world, with the relations of the great exponsitions that sude the earth. So that the state of the state of the state of the state of the but this file.

CHAPTER II

A Lecture on Lunar History NE evening, when he same home from the labora-

teey, father called Valence and ms to him, and took brown-baired little Pay on his knee.

"I have a new record for the magnetic phonograph." he raid, alipping a little spool of this steel wire out of its cass. "It tills shout the meen, who found it, and how men are able to live there. Do you want to hear

but men are shie to live there. Do you want to hear about the world we are guing to in the big space flow, johnnin?"
"Yes, Father. Fill try hard to understand."
Valence ran to get the little limitracent, and adjust the most in blace. She precess the writts, and set it

to the table. A few here of well music came from the displanation, and then the states while all the "An address on the history of the most, covering events from the first attempts at Interplanatory unvivalent to the present time, edited in Prantametery unvi-

A mousent later the professor's words began, in a rich, lively voice, well in harmony with the mysterious argeal of his subject. I listened in rapt attention, to learn more of the wenderful world to which we were

"Crossing the gulf of passe has always been one of the great decreas of one. In the great age of admistillar grayers, that heren have of the hundred years age, a Fresh remover, Jules Verne, breast, cassilerable attention to the subsect with a phossible this of a subsection of the subsect with a phossible this of a subsection of the subsect with a phossible this of a subsection of the subsect with a phossible this of a subsection of the subsection of the subsection of the interest of the subsection of the subsection of the interest of this curval. With was asteristic knowledge, and, like Sofit's, his suffice has been foregisten for the interest of this curva, Though advances has never degline.

ented his marrisjus converte, his took is still read for the marrisdus parents pictures of the secon. These breeks must have been a great spur to be "These breeks must have been a great spur to be "I'l was let to it 1910 that Smith and Order made the great discovery that led to the building of the first spars also, Scientisch had long held that the atoms of other heavy metalis might be caused to break up like the readium atom, thum making available limitions sources

beavy motals might be caused to break up like the redium storn, thus making available limitless sources of power. These two great physicists, working to grantities of certain other elements, had its radioactivity vastly increased when a beam of electromagnetic radiation of a frequency only slightly above that of the Carrier Ray was terrord upon it.

"Within a abort time, intra-atomic energy had replaced the eld steam and internal combustion engines, and even the wind and tiple power plants. These years later, these scientists succeeded in breaking down the stores of platinum, comium, and iridium. Then, indeed, man was ruler of his world. "Ordinardly power is drawn from the stomic orginain the forms of host; but, in the winter of 1994, Order, communing his work, discovered that certain alloys of platinum and iridium suffered accord dissinguistion under the ray in such a manner as to throw off attentie particular at Jamust the speed of light. The ships ray at almost one-tenth the appeal of light; the value of likes in a plannament of the same color, but vasily likes in a plannament of the same color, but vasily

more powerful.

"The discovery resulted in a laboratory catachysm.

The fivery stream of atoms, bursting out of the table, demolished the laboratory wall, while its reaction against the block of metal weeched the apparatus. Or-

against the tonce or metal wroates its apparatus. Orliss? was ceriously injured, his left arm having hear cut off by the blast. He died a few months later, but mut until he had revealed to his colleague the capatitions of the experiment. "South, then a young man, sooms to have turned his attention to financial effeirs. It was not until 2005,

when he had become importuely wealthy by commercialing the atomore, that he first undertwell to propel a would by the reaction of the Order stront blast. He used a recent eage of the Coldant type, with the regulnosmed summarfully, though without a living passance of the commercial summarfully, though without a living passance gry, and the old mus lived to see his ships regularly suggest in round-the-world express and passanger. "He seems to have become infestuated with the pas-

shiftlins of interplanetary travel opened by the drivine —one wealers how much have all influenced by these all remanous I have menthoded. For projectiles, conenting the state of the state of the state of the most in 1981, and several observations reported a final of finish on the state of the statilite, organized to be the state of the statilite, organized of have been the hight of the magnesim observed with the part. In 1986 Smith helf the surth in a larger projection, both in the Andres. It is failted that this first space why was struck by a methorship, as the surjector of the state of th

"read about him in our history class!" Velence interrapin.
"It means to have been about the year 2100 that a young man of unsertain nationality again hought interaction navigation before the world as a nerious possibility. That man was no able and uniting intential, a brilliant center, and perhaps the greatest explorer of history. Elis same is as well known that I need

hardly separt It. It is Jeen Colon."
"Ch. mother that me all about Jeen Colon." I cried.
"Th took all the persist of the rase to win support for this great black. It was only a result of a question country of tireless lakes, in the face of constant ridicates and discontagement, that the Metals Corporation, in 2234, advanced funds to Colon with which to construct a uses file.

"SIX years later, in 2130, he left Sax Diego, Callberton, with three small venode, the largest of
them only fifty feet in diameter. He had found less
than a hundred men who were willing to undertake the
translated lateral with him-mand most of those were
rather lakewarm in their enthusiason.
"Those Bittle ships, however, were far in advance."

of the steel cylinder of Smith. They were plobling in shape, like the modern commercial wassels, built of alaminum alloys, and polished mirror-like, to retain the heat, so that they looked like huge spheres of others. A great wheel, inside, carried the sheeping and esting our areast wheel, inside, carried the sheeping and esting our partisents inside its rim, being rotated at sufficient speed for contribugal force to replace partially the pull of gravity. At one and of the sais of the great wheel was the hidge-room, at the ether, the bettery of atomic blast projectors. "The departure was made at midnight. The literature of the age is full of descriptions of the scene. The near had goes absorpt, and the alrichets had been scaled

ture of the age is full of decceptions of the acros. The men had green sheard, and the alr-locks had been scaled after the last fareweals. As the been few mear, the fold about the cradies of the ships was cleared of the vast crowd that had gathered to witness the first act of the great adventure. The ships lay there, bugs silver halls, pleaning in the lath of the full moon, strange

and still.

"The propeller rays were jurned on. Vant jets of interior white flame larest from beneath the globes, outlined them in blanding light. Clouds of luminous, weighted them in the property of the property of the colored vapor whiteed up about the globes—air home-barded by the radioactive particles became luminous of itself. Veiled in revenue of shifting searsts and

of field. Velido in screem of shifting earlet and green and amber fire, the alter glabes stirred, lifed, what upward.

"On our gree day, the salling of a space file is bardly expected. That was hafare the modern refinements in the atomic blast, that have diminated the secondary heat and light effects, with their wast loss of sanny.

to mark an epoch in human history. For many minutes vague mixts of chining violat drifted about the field, "Until radio economication was cut off by the Heavisido layer, the world was in touch with Colon. In fact, the abigs were within balacopic view for energed hours, during which time a few brief messages were tent from the believes the colonies.

"Then long weeks and months went by, and nothing was heard from the explorers of space. In vain an-

was hourd from the explorers of space. In vain antraxoners studied the face of the moon for any sign of human arrival.

"It was fury months later that the world was ske-

trified by that furness become radiuguam, "ignate to construct and the mean in court. Jone Golge."

"That message awais America at midsight. It means that Code was back inside the Heaviside Luyer. Within an hour the blasting stemic hieror of a space fifer was withing over the great continenters pinestican at the Food Copperation; and by down the weekl knew that Jean Coken, a here overright, but landed single on the

"Only one ship returned. One of the others had been considered that the ship returned been considered the ship of the ship had considered the ship has ever been found. Like a boussand others since, it must have been found. Like a boussand others since, it must have been found. Like a boussand others since, it must have been found. Like a boussand others since, it must have been found. Like a boussand others since, it has other ship of the ship of

The was a strange and rich cargo that the since wisel corried. There were being minass of yellow gold and great nurgois of the three bessy metals that were now doubly perclaus, since they were the nource of the power of the oarth. There was over a pown of radium, and specimens of a thousand minerals, some precious some new to acknow. The moon, so stated the antiseast old Colon, and truly, was a treasure-boose of indicated the control of the colon of the colon of the colon of the state of the colon of the colon of the colon of the state of the colon of the colon of the colon of the state of the colon of the colon of the colon of the state of the colon of the colon of the colon of the state of the colon of the colon of the colon of the state of the colon of the colon of the colon of the colon of the state of the colon of the colon of the colon of the colon of the state of the colon of the colon of the colon of the colon of the state of the colon of the colon of the colon of the colon of the state of the colon of the colon of the colon of the colon of the state of the colon of the colon of the colon of the colon of the state of the colon of the colon of the colon of the colon of the state of the colon of the colon of the colon of the colon of the state of the colon of the colon of the colon of the colon of the state of the colon of the colon of the colon of the colon of the state of the colon of the colon of the colon of the colon of the state of the colon of the co

a 70000 titlle for one earns.
"The ship carried strange plants and stranger moving
things from the moon. Coloring hip proof that the
ancient astronomer, Pickering, had been correct in interproting his observations as showing life in the creters
of the moon. Some of the plants and the grobestee,

insact-like creatures were citil alive, but som sarrived termindel confinence for more than a few days. The webbest part of the automoting carps was as the confinence of the confinence of the confinence of the delenteds, a member of the critical range of the root of delenteds, a member of the critical range of the root of the confinence of the critical range of the root of the being as large and so formidable that the explorer had not attempted to being in the residence of the like being as large and so formidable that the explorer is the local large, filtery lady, with local control of the like that a large of the confinence of the like the control of the table a sprendage. These was seemable a beginning to the like the large of the large of the property of the protection of the large of the property of the confinence of the grateful and explorer or critical range.

gested an elephant on stitts."

"A thing Illa what we saw in the nuscum, when we want to see the horse." I levide in again. But the pre-fession's lively account went on releasings.

"The stories that Colon told of those creatures.

The stories that Color told of those creatures commel incredition to the people of the fine. They was commel incredition to the people of the fine. They was commelled to the commelled that the commelled

the behavior, produced in them a environ that of ininitial control of the control of the control of initial control of initia

amagin to gried the reck from which these creatures fortive the author from which they are made. "The four kers, which support the slephantic hely are oddy long, for jumping the wide crewasse of the muon. The huge eyes, three in number and situation. The huge eyes, three in number and situation of months are the supported to the support of the models for the date or combination member, are remarkable for the date of the support of the lark displayant, which adapts them for vision both is the dark nights and in the Mission like of the

Collow made several mayer vapases in the larger of the gas were senor balls by the score. The second transcent of the man was actioned, retinous calculations and the second transcent of the man was actioned, retinous calculations and fines from the moon. The markets of the world wave fixeded with hauge supplies of precious network and the second transcent of the s

metal? Corporations have souls no more than nations have them.

"A Moon Common, subsidiary to Metals Corporation."

AMAZING STORIES QUARTERLY

was quickly organized. It ruled and exploited the moon as the British East India Company had governed and fattened upon India for two centuries after the enunsion of European power.

"In a desen years after Colon's landing on the moon reace films below with bends of advectorers had over-

"In a down years after Colon's linding on the moon, space from laden with heads of advecturers had over-run all the aerthward face. Two great nations of Selection, possessing outwore that, according to recent Tabarachicoptist' had developed to a surprisingly high durme, had head consistent in

the mine.

"The most remarkable, perhaps, of these laner as"The most remarkable, perhaps, of these laner as"The most remarkable, or the most index of the perhaps of the perhaps of the perhaps of the most indexed and the perhaps of the perh

hundred years, and now hardly a memory of them survives.

"Rowers, hands of the ferocious wild tribes, the K'Larbah and others, still reason the huner dearth, semations deling a lithic united work for the human prospecture and miletra, who use them as heasts of hurder, but more often intuitionals with the synthetic

they that and a, otten titting trajection outstance. "Och I read a focus about that," Valence's sweet valex chiteced in. "The Gity Brainst the Mount" A shape was wrested on the back of Business. The A shape was the state of th

portation of human labor. At first the tendency was to send only criminals and underlenshes generally. But as of crititation hecame mere complex, and the corporations legan to encreash more and more on the rights and privilegus of the individual, there were many who were valling to pay their own passage to the more, its

These backy at these found and warried new misses of their own, when the new lims at snapspilere enabled then to live without space suits, trading the modal is the Morco Company for food and suggless from the sathly Farming, on a limited solls, was undertaken in the analic cutter; some of the native plants of the more produce drags which command a high price in the markets of earth. Marinfacturing, length discoverage was a suit of the same than t

commodities.
"The Moon Georgiany, originally a small corporation substidiary to Metals, is now almost allocather in the bands of the inhaltitants of the moon, since the lease cities, as well as the more prominent citiess of the con-base force time to time reprehensed blooks of shock.

"Metab has never made public the occret of Oriolf and Smatth's alome bloot, and the projecting englates had never been placed on sale; hence the experience make tails a siveral mesopely or trais with the meco, and the directors feel sure of their ability to control the striker, even while humoring them by letting them have the stack of the Meen Company. "Then are, however, many cross of traites and

"There are, however, many crews of pirates and sumagines, operating space filters, that had been obtained by fund or capture, with which they carried on a lucrative likenal trade, encourage from Metals' warning, and sematimes capturing a vessel lades with proceed metals or equipment. The trade of piracy seems to have no partuplar dishonor attached to it, though

pirate ablue are reasoned, when possible, on night, are captured crevs are electrocated.

"At possess, the population of the moun is nearly two and a half multime; there are three great cities. Theophilus, Colan, and New Besten, and socres of small ar settlements. The satellite represents an excellent market for secretarial manufacture; and the value of

incalculable value to the scrib's indicate;
"Recountly there have been hints that the lines population is becoming disconpated with the oriest population is becoming disconpated with the oriest rate of the agents of Mescal, and that there is dissatisfaction with the purios paid for metals on the moon, which warrangs have than half their value in Pittsburgh. The appears cannot recommend the stronger that every research recommend the stronger that every remarks the wind spatials. It is hard to visualize a greater

has been drawing for so long from the moun."

The Nivity, aminusate vices stopped abruptly, as the prefusear had worked his way up to a correct political since. A few briefs have of mouse coan from the little machine. Then a clear fermile voice hapen to grant agrant period, permandre comments upon Cruzull's Republic angle, permandre comments upon Cruzull's Republic period of the state of the

in the middle of a sentence.

"Johannie and Valence, that's the moon, the Mg world where wa've going. We may have a hard life there. But I knew that you children will grew to be fine, strong men and women. That's the thing mother and I are living fee--"OB, I see it coulded the window," I cried. I recited we childled arm to the bright, mettled

I pointed my childish arm to the bright, notifed silver disk, floating huge and mysterious above the trees in the park.

CHAPTER III

It was take in the year 2006 that my father mode the decisions to emigravit to the mont. He arranged fate possage on the proof ship Years, of two hundred fate disastates, which was to rail in August, 2007. Feilure to the most week related to the most week related high, this feetune was great enough to pury our farm and lakes whom for the practice of a mining prespect and machinery on the more. But, before the time for our departure, a serious distinction of the mode.

The Transportation Corporation, or "Transo," as it is more usually iterach, had long keen declare of Metable over the space lines to the most. Over a hundred years before, when the great trusts had caded a century of warfare by the formation of the Union, it had been arrest that Transo would have a monocoty of transportation on the earth. And Trance had always claimed was a violation of that ancient agreement. Blood had Metals had never revealed the secret of the atomic

To present the situation clearly. I must cutline heleful

The League of Nations had successfully prevented war among the nations after the first half of the treattieth century, and gradually the great standing armies of the world were done away with. In the magnitume,

weak to enforce law and order, the armed guards and watchmen of the corporations had taken the places of

policemen and soldiers. By the time of the first successful versum to the morn the real power of political government was ended throughout the earth, although certain of the old nasome of them, such as the United States, exert considerable moral influence, even though devoid of any real authority

For two centuries great confusion existed under the control of the corporations. At times their ways threatened to destroy the age of industry that had ended the old political regime. The development of the disincovery of Orioff and Smith-made war so terribly destructive that at last the corporations naw it to their

Shortly after 2200 a series of great mergers resulted there, the greatest was the Metals Corporation, which

was already drawing vast revenues from the moun though the Food, Power, and Transportation Corpora-

The Food Corporation had come into possession of most of the farming lands of the earth. Metals claimed the mining sections and the great manufacturing cities. Transportation owned temperts and rights-of-way. Power owned cities and transmission lines. Each ourporation maintained a vast army of guards to see that its property and trade rights were not encreashed upon. and the complexity of the map furnished room for a

Early in 2507, months before the time set for our departure for the moon, officials of the Metals Corpora-

tion were much perturbed by a rumor that the servet that the discovery was disposing of the languagest serves At first the report was indignantly denied by Trunca But Matels passessed, at that time, a system of ea-

been devised. Within a few wanks the fact was discovered that one of the great floating islands, designed by Tranco engineers centuries acc, to facilitate transoceanic serial communication, had been moved to a lovely position in the South Pacific, and had some secret Stiles succeeded in reaching the island, and brought

back the news that algest season flives were in course When the news was made public, the greatest excito-

ment reigned. Men were loved to the cornerations with a real loyalty. Men loved Metals or Tranco with an s/feetlon as doen as that which their anoseters had had

My father was as patriotic as any man; at the first threat of war he hastened to volunteer to enter the forces of Metals Corporation, even though it meant in-

even, to tell mother and Valence and me that he had entered the aymy, that he had to go away that night. great hotel. Father held me in his lan. They taked of our plans, and how they had failed. Then father kloyd us all and went away. I saw the hopefulness and forced

The next day the great city was addly still, and a fact of space ships firsted like silver bubbles in the air ahove it. Those who had not been called to war guthered in little groups and talked, usually in tones shouting and hysterical laughter. Metals and Trance were at each other's threats, in a struggle that had fisred up, almost oversiebs.

WE saw none of the fighting in Pittsburgh. But there was much hand-to-hand conflict, with heavy were living side by side. New York, Galvaston, Lone. dox, Tokio, and Parth-great respects owned by Tranco the Metals Corporation, and by way of retalistico, the your bombs on the territory of Metals that was not

Before the end of the day, a treaty of peace had been concluded. Such a war was too deadly to last for long without the rule of the earth. Tranco was compelled to yield the victory, since the fonting island, with all the unfinished ships upon it, had been destroyed by a The rediscoverer of the atomic blest, one Dr. Vardon

who had been left in America. But no trace of them was found by agents of Metals. Trunco had to acknowledge defeat, since it assessed that everyone to whom Varden had revealed his dis-

covery had died with him. It was several weeks before we heard from my father. the fear that he had been billed, but becale woman that she was she let Valence and me know nothing of it It was long years later that she told me of the berree

nights. To us she was always gay and smiling, with the premise that father would soon be back. the D-ray. This ray, beyond its deadly range, preduces

severs hurns, resembling those of the X-ray or of radium, coupled with temporary blindness and a curious Father was among the hundreds of wounded men related was assessed the financial of wedness than

next down in the last attack on the fortified finating island. His vessel had carried on after the side of the first to break through the screen-ray defense. Picked up with his dead and wounded fellows from



still be could laugh. He brought me a wonderful toy he had found somewhere in the shops of the East; and his return was a splendid holiday. It was several months before he was able to be up

very much—his convalencence was alarmingly slow. As the time for the sailing of the Venux draw near, his gainty grew mure forced, and even a child as I was, I realized that comething was the matter. But still my payrois let me have the pleasure of

I realized that something was the matter. But still my parents let me have the pleasure of packing and repacking my toys, for the trip to the moon. They did not tell me that the greatest specialists of the day were doubtful of father's complete receivery, that they thought he would sever he able to stand the hardships of the long veyage to the satedlifes.

One relamids evening, he came down from the landtog philferon with a triumphant reside on his tired face. He told mother of an examination by a greet radii otherspathies, who had given him a new treatment, and premiod complet receivery. He might even be able to tart on the Yener, as we had planned.

premiod complete receivery. He might come he also to tart on the Venux, as we had planned.
At last came the most her draugust, and the week and the day of salling. I renumber very clearly my impation, on the dight when the doctors and father outs go, the thrills of parking my bagrage. My descript preceding, the Uttle helicopter, had to be left behind.

to the day another which the decree with interest cases restrict, the Blub believper, and to be left builded because it would be too heavy to fly in the thin air of the moon. But in the theff of setting set, I we excelled even to that bear. We left the fittle later second of vern to that bear. We left the fittle later second, that bearing we have a set of the familiary articles of furnishers they seep, and by all the familiary articles of furnishers that seeps after the second bearing the set of the second bearing the se

beyond the city. All the vact strange represent, will its whisper of mathine and known of human winces, its platforms laden with the bright motal larget and the platform laden with the bright motal larget and the and mathinery censigned to the larget cities—the plaand mathinery censigned to the larget cities—the plature-oute confidence of it all was a Pitch terricipying to me, and I held mother's hand, while father carried little Father theyed our tolects at the gale, and as we Father theyed our tolects at the gale, and as we

west through I remember worrying about why us dish't corry our begange stong with us. We walked our on the vast, high-walled field, with the celesnal, white ships centured over it like titanic halfs of polished silver.

A freighter was just coming in frees the sense. The profesty yelds Transmort of the landing judicium was profesty yelds Transmort of the landing judicium was professed to the professed to the professed dail, a tille sway from at, asypersing the great case of the landing for the task. With the states, I washood where the professed to the professed to the professed professed from the land and the professed to the professed white the professed to the professed the professed professed to the professed to the professed professed to the professed to the professed professed to the professed to the professed from the professed to the professed profe

It takes a shifted pilet, indeed, to being a space disc down on the ground, or on the rocky surface of the moon, without a wreek. But there is one class of mon, the pirates and emuggious of the space-knees, who, become they never have the use of claberate handing

Now the cradle, on its great rollers, was noved of the platform, which had considered with the field, carrying the allers ship to the warehouses at the edge of the wide ordistare. And another cradle, with a wast argent sphere open it, was moved to the platform top. "That is the Venue," father said. "That is the ship that will carry us to the moon."

CHAPTER IV The Veyage to the Moon

OBLY mough, drough it was 40 m must train the entropic of the experience of a rooty file. It has no obtained the experience of the restriction of the single-mass of

But now the newthy were off. We had but the steple little recept resided by a sort of inder from the six state that had now the same of the ship. There were now windows—I could not one broad the while walls if he over single light. And it was very still. The state of the six states in the same of the six of the consect about, damping my fast from the edge of one of the lamb, and watching my shadow on the universe with Fallerh and goos out, and Victorea Bud target with Fallerh and goos out, and Victorea Bud target arms, creedings m. But the strengeness und the still and prevent products.

When father and Valence returned, I learned that we had not left the north. They had hardly entered from the haden when a brisk metallic votes shouled from a little black disk on the wail.

"The Versu accords in three minutes. Peacemptrs."

are advised to prepare for the shock."

Father made us all lie down on the beds. Suddesty I felt immensaly have, as the folding tower raised the crudie, categorithm the ship into the air. For many minutes the sensation of crosses sulpht continued, as the atomic blast projectors were building up our speed.

the atomic blast projectors were building up our species in the velocity of even makes per second, necessary is made per second, necessary is made to the curbs.

Then came again the hareh, metallic voice from the curb.

"Warring! Acceleration is about to case. The con trifugal wheel will be set in reinfien. Prosengers will prepare for the change." Strangely, I felt myself grow lighter and lighter until I admost found off the bed. The sensition was strangely territying—I felt that I was falling bed.

glong, that all about me was failing too. There was peculiarly unpiasant ensuring in my stamoch.

Then presently I felt another force, that was polling me out against the side of the room that had seemed a wall a memant before. Now, suddenly, it accred to be down, and the other floor was vertical. Now I could be a superior of the seemed of the control of down, and the other floor was vertical. Now I could from the country of the control of the country of grant to turn; a contributed from was drawing un toward gas to turn; an extracting floor was drawing un toward gas to turn; and the country of the count

he a few moments we were standing on that new floor. The force due to the whosl's retation was only shout one-sixth that of gravity (or about the came as the pull of the moon). It was intended not only to

I tried to walk and made an amazing discovery. andled half across the little room, and fell sprawling on

But in half an hour, reace-sickness began to or upon me, hastened perhaps, by my activity. I felt sicking and a doll, intelerable sche in the head. I was too

food in a great vacuum container The ship's doctor came in. He was a fat, kindly man, with crossed eyes and a little red mustache. He

laughed and joked with my father, and talked to me me a dose of something better that had to be washed I was too sick to listen to his talk.

When I woke I falt a little better, though I had a landan, throbbing ache in the head for many days, until my brain was accustomed to the leasened pressure of I found father and mother both setting up. and mother was holding little Fay, who was crying frotfully. Valence had opened a trunk to get some picof the little room.

LONG days went by, measured only by father's watch, and by the time we slapt, and by the coming of the man with the varuum tubes of food. In a day or gravity; but another kind of space-oldkness came upon us. It was that due to the look of vitamine L which is

found in natural air, but not in the artificial air of the They reclude anemia, rapid breathing and pulpitation of the heart, and a greenish has of the complexion United occupen is administered, death is almost certain

Some have a higher natural resistance to it than othern My parants and Valence and I were only dishibit

aafety. But the case of little Fay was more perious He shook his head doubtfully when we asked him about

Several times the good follow stayed with the skil We climbed the ladder to the hellow axis of the great ciebs. All about the edge were tigy windows.

I remember looking out into space -deepest midnight less and very bright. Father pointed out the earth. It was a hure globe of misty green, solotched with patches of startling white. I soled to see the sun, was told that it was so bright that it would blind me to look

strange ship was sighted. The sunlight, glearning on the polished shell of a space ship, makes it visible teleaccelerably for hundreds of miles; and we passed far seeponed the atmoorage 2t seemed to be hanging still to though waiting; and the officers feared that it was a

It did-not pursue us, but our change in course was probably responsible for the accident that did take plane. The men at the telescopes were watching the strange ship and a metsorite struck the ship.

I remember the thundering crash of the rollings. and the sickening lurch of the ship. Then there was a biseing out into opese. For a moment that was the only sound; then I heard a medley of shouts of slaves and acreams of terror from the passenger purriety

shout us in the rim, and the stern commands of the ship's officers. Fortunately, the inner shall of the thip had not been seriously torn, and seen the break was repaired. Machanics in source-cuits went out through the air-locks and replaced the reflector aurface which had been ripped

off by the glancing blow of the hurtling stone The worst effect of the accident was the psychological one. The blow had been very sudden. No man know when earther iron wanderer of space might come traclog jute the able. The nervous strain grew intolerable Many of the passongers grew hysterical under the

atralu, and there were two suicides. I remember meeting the family in the next ormosetment. They were poor people-farmers who had left themselves to work long periods for the Metals Cor-

poration, to pay for the passage of the family. They were bonest, cheerful people, and some degree of friendship areang up between our families. But in these long, lonely days in the crowded, unounfuring nome what from apace-alchness, and from the

room for social pleasures. The earth roomed very remote; one felt almost as it it had sensed to swist. All the world of mon, that oppo-

we had known seemed a feding page of half-forgetter history. The cramped ship, with all its discomforts Hope-the Mesca of the Moon-was all that made it

My little sizber, Fay, was still sick. For long weeks we cared for her, hoping that she would last until the

But on the nipeteenth day, when we were just three days from the antellite, abe died. In the two years that she had lived, I had come to love her very dearly, and her death-when at last I understood what it meant-left a dail, reather pain in

father welled up and down the room, with a strange drawn look on his face. But after that, they showed little outward signs of grief. There was another funeral-there had been many of on board we pathered about the little wrapped body on the court metal dealy above the relating contributal

wheel. The carries of the wood, a lean bard-feed max, read a short service. Then men in oxygen hel mets and space suits took up the tiny coffin, and carried it through the air lock, and tossed it outside. Watching it through the thick windows, we saw it explode vic-I believe that it was on our fourth day out that a

There were three more long, and days. The nervous strain, the lonelibras, the monotony, the semastion of separation from all humanity grew almost mislearble. Then the broad face of the more wideard out very rapidly before us. It was very welcome, for all the report projetty of its sheer mountain and needs desert.

rapidly before us. It was very welcome, for all the rugged creelity of its there mountain and neely destri-A strange world, of midnight shadow and blooking malight. The surfa rays are not diffused by the thins all of the moon; the shadow of a mountain in a world of thill night, even when there is bright, hot daylight all about it.

A great city of the muon was nown in size. It was Thouybillon, structed in the cratter of that name, before the three great peaks that tower up three much high in the center of the crater. Here say parents had elacted to make their buginning in the new world. Standards or make their buginning in the new world. Standards or sizes, girtud with ministers craters, bilaring in the whate numbine, the vast city of gians seemed very harpit and beautitle—like a great diamond boat in the

We awapt lower over it, over the miles of unbroken roof of transparent glass, that protected the city from the cold of the right, preventing the compe of its vital air, and shielding it, as well, from the heat of the mil-

How strange it was to see bith white-side figures marking over their vast root, or ever the samethy deserts about it, to see the dark specks of machines crawling over the clintor white reads that radicated from the city's ar-lecked. Homas beings like outprebend We noared the indiffigured that was him a hardow to City's ar-lecked. Homas beings like outprebend We noared the indifigured that was him a hardow to City of the himself of the control of the co

CHAPTER V

Life on the Moon

In a few burst we were withing through the strange streets of Theorphilas. A vast centrant it was to the gloony remotivity of the space files? The streets that streamed through the glass need support that streamed through the glass need supported of streets, which is the space of the pyrametal buildings. The wide-spaced structure, of opening signs and others and meets, were streets of the unfamiliar lines; ventures and the space of the space o

At every corner was a passage through which one could decored to the endlass moving ways, that carried passagers and goods themath the streets. How good it was to see the sunlight, the strange gay buildings, the vivid, flowering plantal And the needs.

icot! It was wenderful to be near himselfly again, to feel in tooth with its Joya and carea. After we had breathed the fresh, cleanly fragrant air for a few hours, the weakness and the minary of our space-ockness vanished. Soon father had found rooms for us, in a great building similar to the comrounty houles of the earth, in which we had results

It was early in the fortnight-long lunar day when we arrived, ten earth-days before the sum set. (The treatly-four-later period of the earth's rotation has centioned to be the most convenient measure of time on the most, for the spinning earth lungs like a great did in the lunar sky.) It seemed very stream to me to an chining, to wake and find its neither rays still Beeding the bright, well vegetation of the park below my window.

White stays well with mucher, while failure note produces at the trips about the city, and set into the mountains. He take me such about the life and arganisation of the moon, of the two other great cities, Gales and New Beston, of their rate of the Meon Company, formerly a breast of Hetals Corporation, and now owned mercy a breast of Hetals Corporation, and now owned

During the inne worse our bodes had beener party as un execution to the decreased free or pravity, but well execution to the decreased free or greatly, but making pressure on the most. During the two vecks of the lange table, when the sair freezes on the most and the the hormator fall almost to save, and even during the sate has the same that the same that the same that the the pressure is not a small freezing of that of the carthy attempts. For several souls we were cardinal to pressure is not a small freezing of the of the pressure is not a small freezing the pressure is not precised in the comparation chandrar, where, in a type that attemption of the same present is the same that the same power of the same present in the same preporting in the same present in the same present in the same point in the lange propring carting, and also

more those streams we specialistics.

The Xiono Company had offices used of the streeThe Xiono Company had offices used to the streeman of the Xiono Company had office the street and Color,
which was the only point on the moon at which gooding towers had been constructed for spoon abys. Atfirst the agents and out free earth bad, as a matter of
course, edgepoid andersaft power over the meen. Bidcharme plate years, the increasing member of tree solcharmed plate years, the forestaint possible of tree solcharmed plate years, the forestaint possible of tree solcharmed plate years, the forestaint with the conline of the years of the color of the color

Market Possible and the Color of the Color

Market Possible and the Color of the Color

Market Possible and the Color

Market Possibl

The Board of Directors of the Meen Company, compused entirely of lunar citizens, teck part in the city governments, in the erection and maintainance of the glass roofs necessary to prevent the stoop of the air at aught, and bargained with the apents of Metals to keep up the prices paid for the product of the lunar mises and farms.

Owing to the freezing of the six at sight, there was no life or travel outside the claims or the minsa after the sax went down. Mins owners, farmens, ranchers, and prospectors, gathered in the cultic during the long nights, to enjoy the fruits of their toll. The streets were throughout with rough-dad mea, and there was sucched amusement and gainty. This conditions had greenfeed the great of humanity

entily user the groun previous are gathered compactly in the three great colles, where gathered compactly in the three great colles, where they were directly under the year of the Metals Corporation's agents, and where the year of the Metals Corporation agents, and where the year of the Metals Corporation to the Directors of the Metal Corporation agents are influence the Directors of the Metal Corporation and the Corporation of the Metal Corporation and the Metal Corporation of the Metals of the Metal

Frem the sur-decks of each great city, smooth nightways apread out ever the linnar descrit in a network that san over mountain and crazer, connecting all the human settlements on the mone. With the coming of day, these reads were crowded with the atomic-powered "automobilities" of firemer, mines, and prospector; and soon a regular stream of great brooks laken with metals and new and farm metalects was fewrine back to the

city. The Sciences, the native creatures of the moon, indeed ruled its surface by right. Their canning had led the worlds tribes—the KaTarbah, MTawills, and others—the a policy of hiding by day, in the deep cavera and filles, to come out upon moranding expeditions.

tham, however, were regularly employed to work in mines and crater forme, even to pelice those at night against their raiding felices.

I remember very clearly the first one of them I saw I two on the monor-day of our arrival, while father and

16

against their variety rates and the first one of them I saw.
I remember vary classly the first one of them I saw.
It was on the moon-day of our arrival, while father and
I ware strolling about the etrange streets because the
glass reof, abserbing the wenders of the old etopole
buildings, the weird vagetation, and the gathering
convent of mech-felk.

The measter came etriding draw the street. It was oddly like a great red elephant on ellits. The body was huge and lineay, cowered with the rough red alds. The logs were incredibly long and clonder, and the trasklike tentacider limb bring drawn from the great book almost to the pavement. Above the trunk, the three bure green syns, layer as chides, were alresting exten-

elements from houseth a herey red carapate. The thing came on past, engage, engage, engage, the revision awkwardly, yet moving with semading speed. As it passed, the great fast eyes were turned toward as for a memoust, and the truth except up and down in an odd manner—a general result of greating, as I afterward karried. The monoculiers have little econe of bearing, and only publication of the property of the p

that their sign inquings with their hands, and so get on with them after a fashion.

Sings over the broad samply bask of the creature was a nort of eadille of some rough fabric, in which I saw a few large of synthetic flux and sugara-the moncalivas are inordinately food of all carbohydranes, and

a two large of systems from all vegical was a calves are incredinctly feed of all carbohydrates, as invariably demand them as pay for services rendered to the celestian. And these carbohydrates have an intexicaling affect upon them, frequently leading even those ordinarily peaceful to the perpetration of bloody outrage.

W. R had been on the mone ten days when might full.
The sure, indicing even to always, even behind the mountains. At once the world was dark, and swelful; it agrees old. A light full of freet and stows "divured the absort, and aben the mountains were capped with frence air.
The air-locks of the city had been scaled, and the creat action high full of the city and action and are the contrast atoms and only redi-

estire of incredible wonder.
There is terror in the foll of a inner night, though in the warm only I hasely realized it. Awrid shornly in the warm only I hasely realized it. Awrid shornly look in this property of the control of the

Dreadful in the fate of a man oxight in the night. For bours, perhaps, he has been walking, cardiess of the passage of time. Night catches him, and he becomes a queer thing, armered stiff in a cruzziflor.

pritially, inquisisly.

The realisation of danger is abrupt. It is like a physical blow, that dance, and leaves him stupid and termbling. He feels a sudden great wearhour, a weakness in the limber, and his beart hearth high in his though

bling. He feels a sudden great wearings, a weekness in the limbs; and his beart beats high in his throat, with painful passes. He stores dully at the crimton son, smalle to credit his faite. Then he perceives the sudden cocluses, and the chill

of his own pengination. He starts frantisally, runs, with heart batting so high that it choice his breath. The first snow-flakes dame lightly pert him, or stellow white and feathers and very child, another his conditions. He goes instance with terror. He large multy across the couptly short, accessing to all until the hindrates of the coupt short, accessing to all until the hindrates of death he finds that he is exhausted. He stumbles and cannot rise, And he has been fore for the mercant, passing the finds that he is the worth the mercant, passing the property of the strength of the

and chilled, he tells himself that he must be calm, conourse his strength.

When he rices, the eky is already gray with frozen mist, and the red sun is gons. He hurries on gauging his leage to keep his strength. The mists owird about him, and doll throbbling pains erroey up his abiversits.

And now his heart passes with the horror of a new discovery. He is host! How swirts up in the wind about him, hiding the familiar peaks. With a cobting cry, he stops; but the piercing lances of the cold drive him on. He runs again, madly, with no come of direction. His

heart pounds, this lumps soles. But his face and hards and feet are becoming meetfully numb; they throbwith dail, leaden pains, but feet carriedly detacked. He is exhausted again, with the fatal heaviness of fear. His hody shrinks out for his to stop. He fights on, in whilly frantis equirs. The wind howls about him, this hears with fine, cutther particles of ice, un-

thinkship coid.
He etumbles on. Darkness doupers. He cannot conle it the night? Or his spee? Vague imapo—fragments—flush through his mind. His mother? free, white and atill. A half-dergotten zore. A yellow and

he cross had leved.

He etumbles, falle into a drift of powdery ensw. It feels warm, delightful. Dinnly, he realizes the peril of it. He tries to rise, facilty crise out. The relectless wind white nawn his veice, drives him down.

Euge is dead. Realization beings dreadful aporty. He makes a frightful effort, oblivens to the pain accessing from his help. He cannot move! In a few hours the help is fracen hard as metal. There it lies, in the hideum knyrer of that her freezied convalidat, useful the mon-advise come-scalet, als-

shadow, with the region between Bt with out? resp.

There is terror in the lift of a brane night, though
white and the consecuency of the consecue

Mere than ease, in my life on the mice, I have been near that fasts.

During the long night, my father mingled with the miners and farmers who were in Theophilus for a boiling the best me with him line other restaurants.

eteck enthanges, offices and lobbin. And a few times we blundered into secret done where there was mad music and wild one, with painted women and baggard men, recling under the influence of drags amugical from earth and the strangers things from the crater

It was just outside one of the latter resorts, I think, that he stumbled on an old prospector, who claimed to north, named by the old astronomers More Proposilistis. "San of Praymellity " (The colonists and sunkness, in the main, have respected the nomenclature of the

ancient selepographers.) name—had equandered or gambled away the proceeds his skin burned to a fery red that matched his yellow vanced the old fellow funds to feed himself until the quite a fixing to him-though mother did not approve of my being with him. He regaled me with tales of weind adventure; and presented me with a curiously carved piece of rock crystal-a really valuable curio-

WHEN day was coming, father took me with him to one of the towers of the city to watch the ricthe bright earth-shine. Above the sharp, regged edge of the desert, the black sky was sprinkled with cold

In the east was a cope of misty luminescence—the caduated light. Suddenly the experiment nineacles of

became a plain of ahimmering allver fame, crossed with the midright shadows of the three mighty neeks rare

All about, as far as my eye could reach (the horizon on the moon is appeaciably nearer than on earth) mountain and plain, all crystal white, stood out with a sharp and motionious distinctness, with a clarity and wivid cannot conseive, with the steady stars still burning in

But corn, as air and melature began to evaporate in the unchecked rare of the sun, faint wells of blue and purple mist fleated up about the distant peaks, and the sen was surrounded with a misty golden hale. The sky faded from utter blackness to a deep ocean blue, with the brightest sters still discernible in it.

In an hour the sparkling blanket of frost was gone swarthy desert by naked before us, revealing the black ters, and the vast monotonous sweep of cracked and

The sun had not been up twenty-four hours when road that leads across the Lake of Death toward the See of Tranquillity in the north. They rode a little metal satisfe on a "civilized" moon-calf a monstrous. testy red creature called M'Oh, of which Jonkins second

They were gone over a week; it was near sunget when they returned. Father, who was a trained mining en-

ing plans to work it, buying machinery and hiring men When day came again, he left Theophilus with three piles, and the six men he had hared-he was depending played a man with a thorough knowledge of their

He had hought a great sterole disintegration van detaching fragments of it. most of it is transformed into the inert gases, hellum neon, argon, krypton, and zenon, which, when the ray When father returned at the close of the day, he re

work under way. He had been compelled to build fifty

mine-shafts which he could inhabit during the zight The prospect had originally been for gold slone. Van quantities of that metal there were, but great deposits

a depth of a few thousand meters. Since the three metals of the pletinum group were the only ones that tor, they commanded the highest prices paid for any A year after we had landed at Theophilus, Father had been able to construct a plans downed building or

the hill above the shafts, in which we might live at constrotably as in the city. Mether and Valence and were moved out there, and it was there that the happy dars of my routh were spent. CHAPTER VI

In Which I Grow Up

TINTIL I was ten or twelve years of age, I sell done but the vicinity of the rains. Bernotaly, situated in the great plain of the "See of Trancoffee, " it was much over! from the rest of the mona little city in themselves. The mune-shafts opened into the floor of a low-walled crater, some two miles scross. A smooth, white road

connected the little metal domes above the chafts with the great semilier and refinery that had been built in the center of the circular valley.

The great buildings in which we lived were located on a little hill just north-east of the crater -- a wide, first point lit by the rising sun, when the flat desert about was attll shrouded white in snow and frozen sir. and keet in the shadows of the night on sost at the abudows of the might.
Mother christened it "Firecreet," because of the way

it elistened in the blaze of surshins when she first saw it, so we came cut in the automobile. Our little city, and the mine itself, came to be known by that name. it. During the next lunar day, he was very hugy, mak-

business or picarure trip to Thoughilus it took only a color, perfect sound, and life-Eks depth, mave us chil-

the most part we lived at Financest, very simply. Durarected to goard against the raids of the wild moonclimbing hills, exploring craters and rifles and cavarus. about in the rank, thorny, gray-green vegetation that

In other words, I was a normal boy, leading on the antered on earth. Sconetimes and quote naturally-I

My greatest adventure of childhood come one day when I stumbled upon the entrance to one of the great est of openings, a slender crack between two great with the remance of discovery, common to all youth, I

As I creet along-parves atingle, trambling with em-

Dence jurgle remmed the lake, a jungle of the strangest plants knows to ocience, the Eght-emitting flers of the coverns of the moon. Stranger of form shining with a deep green incandescence. Stender, graceful, fern-like fronds glowing with a vivid scarlet

rediance. A jungle of flowing flame For a long time I stood and watched. I had heard of phonylecescent forests, but this was the first I had gwee seen. There was nothing involuted about it. I knew;

microfrantismo similar to these found on earth. Yet the allen boanty and the waird wonder of it wrapped me For a long time I looked; then, lost in the strange

spell of the place, I left my point of vantage, and clambered down over a slope of water-weathered rock until I reached the edge of the jungle. I broke of stalks burning with violet and green, and a handful of the acft feathery fronds that shope with crimpon fire I yeardared shout the shore of the black lake, making severelf a honomet of flame.

Then I heard a sound that reads me deen the splen. dorous glowing thing in a penic of sudden fear, a sound that from me as I stood, with stilled heart and indrawn anded to a whistling intake of breath. Then there was a restling in the plants, that came towerd me

Thomas almela merela ava large as a man's head, and

FIRE shock of the sight galvanized my unnerved

bleeding, stained with black mud and luminous wor table impo. Hot and nanting, I threw myself down on a bure rock. When at last I was able to raise my head and look around. I saw the loreiness thickets, the feeble light, walls and roof were invisible

I steed up and shouted. There was no coho! The slone. I realized my smallness, my weakness, the futil-I restrained an impulse toward another mad flight, and set there a while, very soberly considering my

chances-and finding them very slight. Then I dimbed off the rock, and set out debherately to find a way out For a long, long time I wondered, breaking through lummore forests, sturnling over dark, rocky underground pleins, running into boulders, falling into nits. ful time, it has seemed more nightmare then reality.

tion. And my sleep ever since has been troubled with vicious of hore black-winged things, with laminous ayes, circling emiscusty above me. For hours at a time I lay trembling in boting from them. I slept neveral times-or at least lay insensible, when I viewed it, was a lake of black water. And about the I was too exhausted to move again. I had no ideas of direction, no plan news always to follow the passages

My ultimate encape must be credited rather to chapse thun to anything else. For the themsandth time, I thought I saw the gleam of daylight, stroggled to it

Above me was a sect of sloping chimney, large enough for a mace flier to pass through, with a patch of deep hine sky in sight beyond. I dambered up it, crawled out lete a strange little cruter, grown up with a fortysunlight. The sun was low in the west. It had been

I forced a way through the thoray undergrowth, and slambered out of the little crater. Looking about from a little eminence, I saw the glass-armored buildings of

willes to the west. I was a full decen miles from the hidden entrance I had found Five or six hours later, I stumbled into Firecrest, Both better than dend. My parents and Valence rearised me with unbesteded any. They had accured the country for me, finally had given me up as a victim of

I teld no one but my parents and a few selected friends of the runt care; and it was a secret that was to prove an important factor in the moon's war for

That near-tragic adventure ended the careless days in which, slone or with a book, I had wandered about the crater, lost in dreams. I suffered a long sickness, much on the fruits of the luminous plants. It was deal of reading, becoming intensely interested in

studies, science especially As soon as I felt able I entered the little school at of his employees' children. After a few years there, I was nest off to the enjoyedty at Thompson where I took a general scientific course, specializing in intra-

atomic engineering.

BY that time, father was one of the richest men of the moon. Firecress, isliabited largely by his smployers, was a city of some ten thousands in population. for seperally toward his associates and workers. His of the few mine-owners who had built a glass-owered

His character, one of almost puritanic sturdiness and independence, had been of little use to him on earth; ditions of the meen. He had become respected and in-

Spontial throughout the astellite, a leader and adviser Several times, in matters of dispute between the colonists and the agents of Metals Corporation, in remetal, he had interfired through his influence the

Moon Company It was through his influence that permission had been for the Food Corporation of earth was justous of its recessoly...the Corporation had had a small plant at at lower prices. He had also financed other manufac-

dependent upon the earth, and had encouraged and vitamine-containing fruits and vegetables that cannot Entering the university was a great event for me

all the colonies. Located in one of the huge, smillt, southern towers of Thumbillan, with regular purks about it, it was a delightful place of beauty. The atmosphere was free and democratic. In my childhood I had been very much alone, self-nefficient and

carring little for the society of others. But hers I found myself among crowds of happy youngsteen, who accontrol me as an equal, without thought or inquiry conceraing my station in life outside. I felt that their friendship would have been quite as real and rengine.

of one of the planet's leading citizens. One of the most pleasant features of my actual life

had not him and won his friendship; thus it was that I was a frequent guest at his home. Warrington was a kindly, friendly man, of simple

tester and quiet manners, though those who did not know him intimately, were not to complain that he was undely stiff and formal. He was a courterus heet: H was debightful to back so the genial warmth of his great His wife was a simple mannered, cheerful woman,

with keen, vivacious wit and a great and tender heart She was beautiful to my eyes, and a second mother to me when I was lonely or homesick. There were no children in the ferrify; perhans for that reason, I was It was at dinner there one evening that I first met

Benneman F. Gardiner. His name was well known to me on to the rest of the two orderes for his brilliant work in science and philosophy. I was desided into diffident slience at mosting one so renowned, though the stooped, scholarly man, then somewhat past middle age. His quiet, centle manner inspired only friendship. Several years before he had given up the management wealthy, to devote his time to scientific work for the

I had an automobile of my come a small one but at speedy as any that had been deciened. Propositiv 1 the center of the laner disk as seen from earth, the other at the base of the Amenings, on the adre of the about the space-ports, where the great after global earth, or departing with metal from the mines of the

During one long mosp-day, with a band of the more the roads in the routh. We left our machines and went vantures enough, and once fought for our lives against But the greatest adventure of all my college sares;

was one that came within the walls of Theophilus, and during the fourth and last year of my stay there. It was a girl, tall, derk-haired, becutiful. She had not the eary, frenthise manners of the ordinary co-ed; she was inclined to be alost, reserved, and silent.

I want to so end of paint to get an introduction to her Her mane was Mary Joya; I could learn nething also about her. A few ternes I met her slore in the corconsected to go with me to see a "eteror" picture. At first, she teamed inclined to be triendly. I found during our few meetings, that she had a luen, sporkling

of both earth and moon. But she told me nothing of her past life. But on the day after we had seen the picture, she was

scenshow changed toward me. She was reserved, salfnot break desce. When I stormed her is one of the picious when I followed. The next day I found that

And do my heat, I could not find Mary Jons at all. equally puzzling. I could not seen find anyone who

AMAZING STORIES QUARTERLY

knew her better than monelf. Presently, after I had The whole situation was rather complicated and sonspent a few thousand credit units for private detective fusing, for Matals Corporation at ill insisted on tamperwork, I began to doubt that her name was Mary Jons

CHAPTER VII

The Fate of the Sandoval

V college education was done; with a mind filled with impossible dreams of a dark-eved, wistful girl who had called herself Mary Jons, I went standing indated in that yest trust of green, forbudding wilderness inappropriately called the "Sex of Tranquil-

During htyhood I had been much about the mines, had led me'to choose an engineering course in the unfthe caroless college years. I really enjoyed the subsect discenting of the lang days in the bright, small office. or in the cool, gloomy shafts, with their intricate manutiaged my sejentific studies, too, fitting up a little lab-

sent from earth. But often at night-and even by day, when I should have been at work-I saw a pair of dear, dark eyes before me, or offmused a fading face, with its bright eager antile. I grew restless, with my dresses of Mary Jons. Perhaps, if I should go to the earth . . . I had no ides, really, where the wan. But I imagined that she

failed to find her on the moon. The wenders of a trip back across the gulf to the to peopley it seriegaly, to imagine that I might meet the dark-halved girl at the space-port, or in the ways of New York. At last I resolved to speak to my father

about it But before I had done so, something happened to turn my attention to affairs nearer bome. For a long time there had been difficulties between

the Meen Company and its terrestrial superior, Metals Correction. As I have said, the Moon Company had at first been owned outright by Metals. But the thrifty colonists, with a view to profit and to liberty, had bar making a mining centract, or dispessing of a cargo of New Roster, and Colen were the leaders, though nine others, including Elegenest, had been admitted to the pany stock, in order to be able to comfort their local That is, the sutire ownership of stock in the Moon

When first organized, this company had possessed in fee simple, "the Rarth's satellite, known as the Moon, with all mines, manufactories, amelians, refineries, and all other buildings and improvements, of whatscense kind, that may be hereafter erected therein It was, however, quite evident that the Moss Com-

party did not over with mines as those of my father's. which, in fact, it had never claimed. On the other hand, it did own and operate some of the largest and most ecotrolled the great cities and the wast systems of high-

ing with the affairs of the Moon Company. And it rathlessly enforced its monorciv on trade with the moon, its bettleships of spece remains any other ver-In this year, when I returned home-it was 2526; I

was then twenty-four years old-a great change took place in conditions on the moon. It was due to the

a success; it booked as if the satellite might he shis to lack after herself, with little halo from the Metals The Metals officials still appearently considered the

moon a valuable property, to be made to yield a good at prices set by its own official, refusing to permit privale trade with the earth. This trade manapoly, and was evidently intended to keep the moon in subjection even though the colonists controlled the Meen Company. on the moon were about a third of those at Pittaburgh of its Directors. They considered their own debt to the Corporation, for their protection in an alien world their fathers. They thought of the perils foced by the

But in 2024, prices on all metals were uniformly and of her great space-florts. The supportation insisted that the colonists were bound to sell their products to her, and at whotever price she thought just. And the most, she said, useded the protection of the flects.

THE result of the reduction of the prices of metal THE result of the remarking of the people of the moon, that they were quite willing to build and sculp Company, but that they objected to supporting a feet

of penade maintained largely to keep an unjust mo-There was, at the time, no hint of rebellion, merely, Company. But Metals proceeded to put the reduced rates into effect, and miners who refused to accept them found their warehouses guarded by watchmen with

Derve, on the sleet to see that the inputs did not full iede the hands of amurgers. The important result of all the confucion, with the practical suspension of trads while the hoyeett went on,

was a great amount of discussion, and the revival of knemest public interest in the charter of the Moon A few patriotic spirits, of whom Warrington was a

leader, got in touch with most of the stockholders of the Moon Company, who were scattered all over the moon. Later in the year several acore of delegates met in Theophilus to hold an Assembly of Directors, the createst that had been held afree the stock newed out

and fustice on the moon. Werrington was there, lofty,



The great round vessel, rather metal, fell an easy victim to the slender, modern, cigar-shaped warship of Metals.

chur-headed, practical, far-eighted. Henry Patrick was able, infigential man, skillful financier and sincere

The old charter of the Moon Company was examined and discussed. Quite emplicitly, Metals had granted in

These latter provisions must not have seemed impor-Company was to be only a subsidiary corporation to

That farrous document merely sets forth in sissule language the claims of the moon people to the rights



earth as avented in the charter of the Marn Community Corporation, at Pittsburgh, as "an humble petition from your loyal colenists on the moon." The answer

more had prospered for two centuries. Why change it ? earried orders that no metal was to be nurchased for

With the arrival of the news, an electric wave of anotherent run over the moon. There was much wild talk of war and independence, and below it the awakening of the new ideal of liberty went steedly onward. In January, 2525, the Assembly of the Directors of the Meca Company met again, in a new service that

was to last for six long years, until the end of the great-These men again discussed the Assertion of Right,

to be need of protection against the pirates of space, struction of space shins, which had been built in the name of the Moon Company. There were perhaps a half dozen of these vessels with the fleets of the Metals

had sorved. They were the property of the Moon Comyear, and usually manned and officered by men from the meen, though they sailed under commands of the admirals of such One of the first sets of the Assembly had been to

declare those ships to be under its immediate authority, city. though the admiral was too uncertain of the temper of They come down, with some little demage to equipment, in the desert, a few miles from the walls.

The Anumbly, in order to test its claimed rights of commerce with the earth, announced that one of the

On Fabruary 6, 2025, when the sun was not four days high at Theophilus, thousands gathered in the streets and on the roofs to watch the departure of the ship, the Sendovol. The root of un had some with father to attend the Assembly meeting; I was among the cheering, modly gay throngs upon the brend glass roof. It was a ple of many races and of a hundred trades, but all

Name to recovered by the other more ables much the swarthy desart, like globes of gleaming white quickell ver scattered upon a dark rock. The sunchine was hot

Palet clouds of many-colored mist swirled up about was lifted onto the sir. A great shout-a human cry that relied ower the city's roof like the year of a break-In a few minutes the vessel was cut of sight to the naked eye; but still the throng walted, not a more exgilted mass of people, but feeling the point of awakening nationality, fused into a single unit by an awaken-

The Sundayal was still within good view of the telelevel roof, when the catastrophe took place. There were

a hundred cheervore; and the whole city knew of the The outboard Sandoval fifty miles above the city,

was rummed by a warship. The great round wood, rather chancy at best, and heavily laden with metal, fell an easy victim to the

slender, modern, elgar-shaped warship of Metals, As a afficer arrow might moree and hurst a bright scap Several hours later, it was reported that a mass of fallen beyond the three great peaks in the cruter of

Thoughilus. But hafore that time, all the moon knew of the dood. And many a man, who had thought little On that day, the independence of the moon was here.

CHAPTER VIII The Radium Raid

TARAT cruel and deliberate outrage, the ramming of a ship of the Moon Company's as if it had been a common pirete, set the planet aftre with a flame

of Metals Corporation Much was written and spoken on the subject in the next few weeks. One anesymous author published a neries of eleguety and fitry appeals for hierty, called had reason to suspect, was none other than my own

folly were an progressive, thrifty, and intelligent as and

The moon, he arrived, was no longer dependent upon the earth for any necessary articles. The fectories in

The wines of the muon would not only supply all her

The farms, in cruter and stemic-lighted cavers, would

furnish sufficient quantities of vitamine-containing fruit and vegetables. These, so long the principal importations from earth, would no longer compercion relations with the mother plant.

In one of the last of his papers, the daring suffice wont so far as to suggest the possibility of a successful

went so far at to suggest the possibility of a unconstal war with the Methal Corpuration. The carth, he pointed out, would be at the west dissolventage of maintaining a millitury force at the distance of searchy a quaster of commerce would desprive at of the source of metals upon which the military strength is so largely based.

And if the more proople, he emerically were not trained subfers, they at least had had considerable military experience in the many bloody wars with had represented the substance of the substance of the success topography. And if they were lacking it waspons of war, there were the great D-say tubes used to horms while which the great D-say tubes used to horms while sharks—powerful enough to briting deep the property of the property of the property of the state of the principal microry which would be uncle-

hand waspens.

A might have been expected The Purting of the Ways
aroused the issuess distinguested of the sames of Method
aroused the issuess distinguested of the sames of Method
could be gathered by were destroyed; and a reward we
offered for the author, dead or alive. But designle the
soft other drover, the writter eventsined witnesses—
was early after the drott of my lather years linker, but
the outlivery peyers had been printed. And all the many

paced from hand to hand. It hand to Free, who have my protein for the substrates of these terms, sweet's disk-him of the substrates of these terms, sweet's disk-doubletes, single, throbling with sincertic and swith. For he was an aging mon, an invalid who had result to the substrate, and the substrates, the had recovered completing from his adjuste in the war of 20 mm or all through his disk mention. He had recovered completing from his adjuste in the war of 20 mm or all through his disk mention of the substrate the substrate the sub

heart was an arreage as any patriot's, and he did his part, despite an aged and suffering body. As the people of the moon read the timely article in The Parties of the West, and positered upon the ramming of the Sandows, there slowly expatalisted a defiulte optit of unity, this grew firmer in the consistent that the morn mand no longer lean upon the leng arm

of the Metals Corporation.

The new spirit was first definitely shown in the "Radform Raid," an incident which took plans in New Rooten, about the middle of the year.

The Metals Gerpuration had oling imagicacity to the invaried schedule of prince, despite, the hypoth of the moon. It was found to the schedule of the prince the party of find-moon and the metal and been adult to the Metals since the remaining of the Sandowst. That had meant harabidly to the moon people, for if no metal hid gone to the earth, Metals had seen to it that no merchantifly had been for that no merchantifly had been for the second of the second that the merchantifly had been for the second that the second

people had accustemed themsolvas to desig without cofee and a few etche lextract that were not produced on the more, and large subscriptions had been raised it assist miners who fased ruin for had of a subscription. Now ever the shorted ruin for had of a long large sublex products and the subscription of the sorting of other products imported from the moon, and the suspension of entomores cut of their row material. There was a was promus upon efficial, of Metalis to pulse the

proons and resume trade, but they stableomy held to their point.

As the year went on, it developed there was in the warshouses at New Beston a highsad of radium, consigned to the Motals Corporation at Pattsburgh. The agents of Matchals had purchased this radium effort the new low rather had gone into effect, but before the bycott had brought as end to trade. Lake in June a

agents of Matals had purchased this redum after the new ion rates had gone first effect, but before the bayout had brought as end to trade. Late in June a space file landed at New Bostes, to take on the metal. The situation was a delicate one. Netherland sinceby the state of the state of the state of the state of the compact, some the most purple, no metal was to be permitted to know the planet until the process were vasied.

Public confinenct you high. The lead charts were carried used to the wavelows, and the leading west on. The Assembly of Directors was still in associa, and the public of the part was fereely delated. Its sating means the treatment of the public of the property the reliable would relieve the present age of the bouvert the reliable would relieve the present and the reliable to the property of the public of the property of the public o

not youthe opinion was high against the storage of the radium. It was argued that the Carpornious Highly the price of radium in Fitchburgh. In spite of that, so the last day of time, a measure ranne from Theophlos with the news that the Mont Cotopany officially anatiment the dispuritue of the various the shift, to A west crowd had assembled around the shift, to which the facility of the hold here accorded to the country of much the facility of the hold here accorded to the country of the hold here accorded to the country of the country of

personne metals before and sector sectors reconstructions that the control of the

It was attended attended. The record was all on beard, the laborers were returning to the city, before the cellwould come, and the crew were citill bury, petting the engre in shape for the wyrage. Just as the year was existing, and the black chadows

and as the sun was through any too the constraint, that of the mountaint, that feet unaste of alght, were a pacing across the desort, a band of men suddenly spanned set of a merching shadow and rathed upon the vessel. They were grotesque figures, unrecognisable in the metal acroor of space soith.

The advisors and hatches of the wassel had been

open and unpuseded. The rastly communical crow of the fiber was taken by surprise, paint as the last drums of radium were being stowed in place. In a few mirrors the radium had over-run the obje. The crow was disacread, berded into the strong-rooms, and tecked

The sydinders of radium whis were specifly unloaded.

Just what became of them is not historic certainty. It is seens that contails the vacal they were given to a based of mean-cables who vanished with them into the chill to mystery of the gathering night.

seems that cardiate the vedde they war vanish to desire the understand the patterning sight.

A few brears later, when the least communities of the ship had ferend a way out of the acrear-costs, radians and the least state of the acrear-costs, radians and got his communication with the parted feets. The surface of the moon about New Boston was concluded but all efforts to recover the lect motal proved in valid to the contract of the parted of the contract of the but all efforts to recover the lect motal proved in valid to the contract of the parted of the parted of the contract of the termined (Glasses of New Boston agreed like widther

reply of Metals.

AMAZING STORIES QUARTERLY

CHAPTER IX The Declaration of Independence

AT the time of the "Radium Raid," father and mother and I were in Thosphilus. We had been there, in fact, since the cravening of the Assembly early in the year. The mine was shat down, since the

carly in the year. The mine was shut down, since the boynett bed stopped the sale of metal. Father regularly attended the Assembly meeting in the great hall. To the influence of his great wealth

was added man's respect for his sturely character, fofty hence, and ideals based upon deep human freeling. He was among the leaders of the Assembly It was my privilege to go with him daily to the mostfor place, as a sort of confidential clark and stenogra-

phar. I shall never forget the long sensions in the dark, eeel hall, when its lefty vool rang with impacsioned plans for liberty and right, or whispered as eath to the calm, tober opinions of such men as Warrungton and Gardiner. During my university course I had done animality work in science, and a few thangs I had done during my

work in selecte, and a few through I had demis disting in practice, part in a structed on little attention, entering the property of the property of the property of the their Dr. Gardiner had read of my work. Several times I met aim, to talk over obscribe hopts—for the hellinat physicist never let such twistal things, as positive or when he does not be a several to the property of the when he does not have present when he first performed in francia experiment with the fensating of the shared Retains several—from which he later developed such

Toward the said of August, disquieting news came from New Boton. A feet of nice great warships, of the cybudried type chiefly used in the earth's atmosphere, had arrived from Pittaburgh, under the onemand of General McRus. The three had landed at the spece-port, and disambarhed an army of some ter thousand myr, which had taken gonoscion of the city.

The functions exhibit, authentic of false, ascepting, to right and up the backgraters in the Diamond Cardens in the middle of the city, shutting the citizen out of that fromes measure and amessesses pine. It's sen patrolled the ottech, rode the ways, not stood great all the alt-tocks and rod duess. Guestle were placed about factories and places of business. Now Booton was onder searcial law, and warmings had been found to the control of the control of the city of the control of the control of the control of the best lower of the control of the control of the control of the lower of the control of the con-

treacce.

The city was compelled to quarter McRan's troops and to feed them as well as the five thousand men et he apacs ships. The prefets of citizens and direction city evolved the old grannel's spinion that martial law was too light a punishment for the city of the Radius.

Test McRan had not come to pacify the planet by free. One of his first acts officer as existing New Reston was to send measurages to Celen and Thosphillas with orders for the agents of the Metals Carporation to raise the schedule of prices to the former level, and some to

But these advances were met with some. Sufmethods night have been effectual even a year before, for the citize of the Moon hald little life in common. But the events of the post few months had crystallized a mone-wide spirit of self-dependance that was not to be broken by week as attempt at hiribers. When he humed that this more had gailed. McBan's

next step was to threaten that if the moon-felt did not yield and resums shipment of metal to the earth, he would bring enough ships and men to the moon to sake

The choice's call follow's threat was a match to powder. Both the choice is taked only of joint pieces der. Both the choice is taked only of joint pieces from the rights now taked of therty and indepentation. The militial isogen to require the divergent used in the addissa wars with the most-colver, and to device new machines of destruction. The city powerments of Thoughthus and Gains ordered the great D-vey border machines used in the nearby mines brought up and joint and the collection of the collection of the collection of the machines used in the nearby mines through to and joint

is position for defense ageinst space ships. During that time the Assembly of Directics was During that time the Assembly of Directics was the Configuration of the Assembly of Directics was the time and the assembles are the time and time are with Rathal. But offer and visit means and large as well fill faith. But offer and visit of the Configuration of the Config

sinces brought on so many authors that he gave that Up.

He had been on the most nearly a month before the first hards was fought in the long and terrible was to come. On September 29, 2015, when the son out near the second, from the second control of the second, from the second control of the second control of the second fifty mine wast of the sity, our the edge of the carter of Hignerium. Most of the force was infantry, though there were a deem creek my third, already by taution tables.

tubes drawn by traiter tasks.

The plus had been known to the citizancy several bours before the troops left the city. Some loyal and fervent patriet, whose mans seems not to have been recorded, messeded in petting out of the city through the verificator tubes—the air-locks being guarded.

HE reached the Peazedale mining district a deam hours shead of Major Harley and his Tellurion soldiery, with news of thit advance. To the miners, long used to bung called upon to defend their postesnism from moon-calve or apon pirates at a nomen's solies, there could have appeared but one course of

What that some was, Hardey found, when his trouge we half a bundeed print merer draws up in a line, met half a bundeed print hering translated, on the steel height that had been resceled across the great crack, or rife, three miles from the mines. Harder transpot out before his men, and ordered the

minure to disperse. They remain about ealm before a minure to disperse. They remain to have been do as a minure to the second of the second of

upon the helides. Their waspens were not ready; the forming of a Deep in rather a delicate process. But the survival model calmir adjusting their waspens and the survival recognitions and fallen under that pittless with the process of the process of the process of the pittless of the process of the process of the process of the pittless was not process. The process of the proces that time. Harley had his tanks ready for action. The hardly a score of the ragged miners on the bridge-Still the little hard refused to o're way, though they stight have found easy shelter in the rocks behind the rille. They kept the great rays flaming from their clumey mathines. Harley was actually forced to fall

back a little. Finally his lumbering tanks forced a way had fallen behind his improvious weapon The treers had sustained a less of more than 150

men; and three of the tanks had been wrecked. But Harlow areasad on without delaw. As he want he found himself exposed to a continual hombardment of shomic rays. Enraced miners and farmers, hidler in creck

to a deadly and in the new trade of war The Tellurians murched on to Pencedale, but reached shafts was taken after a hot and bloody encounter.

That retreat ended in becoming a mad flight. Again and again the harried and demoralized troops fell into

cliff that rose beside their route. The remaining tueles and the heavy tubes had to be left by the way; and ever a hundred raco. Refere the sun had set, on atomobile had arrived in Theorytius with rows of the battle. That night

there was a long debate in the Assembly chamber. Ecfore the meeting adjourned, it had taken the most The assembled Directors of the Moon Company voted that the moon was now, and by right, a free and inde-

nation. Before the moon had been murely petitioning

justice. Now it demanded it. On the fellowing day, the Assembly met again, made

an appropriation of five million credit units to defray to fight for the freedom of the planet. By the middle of October, bodies of men were gathsmaller phoes, such as Firecreat, where there were

permanent populations, to go to the relief of New On the first day of November nearly twenty them. discipline, without arms and equipment, without mililunar night, was far indeed from an army. But it did have the single vital quality-unfaltering devotion to

On that day, the Assembly made Warrington the Commander-in-Chief of the armies of the Moon Company. The day after, my old friend left Theophillus or the lonely road toward Peacedale, confidentially facing of minure and farmers into an army, with which to face

the real armed battle-seasoned valurant of McRun. My own fortune was bound up with his. At his request, and with the permission of my aring father, I had become his "engineer-attach?" a port of confidential private secretary and scientific adviser, rather than a military man.

I wrote a letter of farewell to Valence. Three years before the had married Torn Dowling, a brilliant vages -to be general manager of the Firecrest mines. They had stared there when I came with my remerts to Theophilus; my last view of my sister had been as a my shoulder. For the last time, I feared, I held ber dear slight form in my arms. Tears were rolling down her faded cheeks; but her eyes were brave and bright as she kissed me farewell. And I left her-my last memory is of a slight whill

of the faint iller perfume abe had always used, that is Father gave me a crushing handshake, a sincere kiss, That night a swift closed atomobile left Theorbibas on the long lonely road to the meeting-place of the mountaineers at Peacedale. I was at the wheel. Be-

and terrible situations.

The Battle of Meteor Hill THE sun was low over the black mountains that

ring the Theophius crater, when were the trained to be a left the city. It was only a matter of some twelve hours until senset would bring its killing cold; and we had seven bundred infles to go. Warrington had been urged to pass the lunar might in the comfort and It was a dangerous choice he took, for we had been able to get no space suits; the allebtest acculent or de lay would be fatal; if we did not reach our destination

The atomobile in which we drove accounted recembled tale storile power, but by the old clumsy and unreliable internal combustion engine, the motor car called the

That is, our machine had four wheels, with fiscible tires, supporting a narrow, taxering, clear-shaped body The space within the little shell was rather gramped but luxuriously fitted. There were sents, storage storage

and the little whole panel with the butters which con trolled the motor. The enginee were little devices in The cutoids of the shell had been silvered, and it was lined with a nex-conductor, making for comfort during Nevertheless, it would be fatal to be caught out in

the lunar night. Not only would the unbelievable ook penetrate the machine, but the freezing of the all the long white road. Built of fused rock test in place it was level and hard. But owing to the extreme in

straight. It curved about peaks and craters, alg-ragged un requetain alones, dropped into valleys. Present a longer word. We wight travel a dearn miles

or a hundred, between the scattered mines. Once we storged at a little settlement. It stood on a low hill. a serviced row of glass-armored towers and domes, with squat metal shaft-houses below. A great D-ray mining the town—to be set up for defense, I suppose. A motby group of people were assembled short the tractors that were golling R. And a broadend near as a, in ranged nondecompt uniforms, were being defined below the walls, reaching and wheeling entitudationly. We get a bit of furch, and had the wattong modaling of and inspect the machino. The grants isospec of the

and ran out to agreed the news. We departed with a chearing throng of miners specifing us on. As the sizest, racing machine shot awithy own a knowledge read, the somery changed rapidly about on Cruel shorder mountains and grim may tarrious creature. Stands into view as we togeth a ridge or recurded a curve, and grew parifyle, swamp and wheeled about to, drinkled, would be the control of the control of the drinkled, would be the control of the control of the drinkled, would be the control of the control of the control of drinkled, would be the control of the control of the control of the drinkled, would be the control of the cont

curve, and grew outfly, owang and wheeled about its, dwindled, washled behind. The meansage charged, yet it was always the some—lefty, rigged mountains, arood, libely veicantle deserts of twisted laws streams, harned, cacked and ranged, strange closular carkens, walled with shoer grim clifts—still intensely bright where the sun's rays struck is, or hudon in a startfling, rayless

which wis size great man-set according to the such rays struck to, or holden in a startling, rayless obscurity of shadow.

To drive was an exhausting task, to sit there skert, foreing the machine to the limit of speed the read permitted, accretimes, it seemed, according disaster only by the narrowest of margine. But I rather enjoyed it.

the whiel, the intestication of boundhas power at my fingretips. Even the danger offeed next. An hour after we had let the mining fawn, we had a near catastrophe. At one point, at the feet of a long adopt, the road passes through a surrow copys. As we entered, we came suddenly upon a rough wall of houlders niked scrous the receives. Institutively, I pressed

the brake-button. The machine checked his spead, but attli maintained measurum enough to gife us for the freat end of the ear when it street.

We clambered back to the sent and took stock of the altestice. We were both brutsed somewhat; Warrington had an upig contained on his temple with blood

allutation. We were both bruined one what; Warrington had an ugly contained on the brengh with blood coning from it, suil I had a skinned side. But we were not seriously hard. The machine refuned to respond when I pressed the buttens; it occurs to have been imjared the most.

"Look there," evied Warrington, who had been leveling out as I tried the cantries. "The Mone-adverses?"

I looked through the hread ground windows. A half-done great search measters were approaching, hopping like oploand flows through the yallow, spilly acrols that covered the mountainstand — moving like red flows the site of elephants. It was a band of wild mone-advess whose elementary contains had but them to try this

site of expendit. It was a lasts of which more example, whose elementary curacing had bed them to try this method of wrecking machines in the hope of spell—of which humans bodon avoid favor been the most state-orive item. Fortunately, we carried packet D-ray tubes. They were high ways had been the most favor of the beautiful distribution of the property of the pro

Warrington covered the Schottes on one side, I covered those on the other. He gave the word, we penned the counted terrer. The narrow red rings reached out, intense and brilliant. And the great greatures fell as the seariet furgers

tume and brilliant.
And the great creatures fell as the searlet fingers touched them.
We must have killed four or dwe. There were a score is nil, or mere. The others leapt away into the calless thicket of hrown, thours serah, now dry and sere in the lunar evening, and were into two least. We get out.

way with his ray, while I tinkered with the injured motors. District the latter currae of the war, the reads were harrily passable at all, the to much barriades and ambushas. Minitary dispatches were correct motive or friendly Selection, the lighthat threat backs being used when the most-colors were not available, though they were not half or rapid.

According to the control of the color of the control of the color of the war of the color of the color

We had no most serious accionate. The ion was sunhalf the hereafth of its disk above the horizon when we reached Fencodale. An odd acces, it was, to be the camp of beauty thecasand men. Only a rugged, cracked erason-plain, half a dozon miles across, with a few little buth-showes of nostal and class standing been and there when the control of the control of the control of the control of the sun-flavours of nostal and class standing been and there

about R, with the white rithou of the road running from one to assistant. We left the machine and were superly veloused by the guards from the shaft-house by us. The black shadow of the grater walls was issuing across the

the guards from the shaft-house by us. The black shadow of the stater walls was leapurs across the floor, and already we felt chill an the thin bitter wird that these cut of the shadow toward the high, stabil mountain on the eastern side, carrying a few fine flake of snew spec it.

We were conducted down into the shaft. For all that, belief or organized discipline, it executed that the men had been making wides and conrects preparation for the mean reason of the state of the sta

Milkin an hour after our arrival, the passages had been scaled, and we had begun the long fortnight of enuglish scaledion from the rest of branaity. Werringsten worked for long hard days, organizing the men into compenies, and teaching them to use the strader Deugs tubes as skillfully as weapons as they had sared

them as rock disintegrators.

In my capacity as engineer-stinché I was kuny copagh, assperintending the contrel of the intricate system of markstary that kept our mine-shafts salutable, and as well, weeking on the details of the changes to be made in the great D-ray rock-borers, to adapt them for use

in war.

When the sun want down, it had been a more rabble of more that eroused into the nun-passages. When the long night was ended and they energed, it was an acrey a already whopped into a single unit, responsive to the will of a single man, expended and taught the first less one in disciples.

miles mits of evaporating air and freet. Warrington moved the new array cut of the mines, and searched on moved the new array cut of the mines, and searched on corry the standard Devay pixels bought during the long warrs with the Schouline were equipped with the annual pertails red-minintegrating Devays. Hotel of the max mets, and moved pixels, so that they would be able to match in the open by day. We had a sufficient max the mines and moved pixels, so that they would be able to match in the open by day. We had a sufficient max the mines were the mines and move the great a rey-matchine, these went two hundred of the great rey-matchines,

drawn by traction, that I had been able to convert first drawn by traction, that I had been able to convert first terrible instruments of war.
We came in sight of New Boston before the sun was a day high. Its glaze walls and towers, fining over hall and valler, were a smindful sight in the sunshine, with

the naked black mountains behind them. We located our eamp perhaps eight miles cost of the city, and cut off from it by the elevation known as Motocr Hill. which rose about midway between us and the city with the space-port healed it. In the little valley where we atopoot, the olive-green reportation was just putting up abovier tendrils that in a few hours would grow to the importantial engity thickets of the amazing forests of the lines day. Warrington had his nine of since well worked out.

Warrington had his plan of sings well worked out. Within a few boars, half his army, with almost a hundred of the great mining takes, was time out in a ring, fifteen mike across, that dieded city and space-port. His next more, undertaken while the first was yet uncompleted, was the occupation of Money Hill.

Prom this calasno, his rays could sweep the city and the space-part at will. With eight thousand mon and the remaining handred of the lung ray-dube, we murched up the hill. Some opposition had been expected, but celly a few surveyers and engineers, who were apparently planning furtifications upon that size.

texio point, were encountered.

In full view of the city and the ships, our men fell to
work with a will. It was only a matter of a few minutes
before the pecket D-roys had out deep teneches in the
hillson, from which the army was not easily to be dis-

It seems that the terrestrial commander had intended to eccept the hilf "as soon as tompenature had modcrated sufficiently." It is said that he was thrown and a rare of anger to find that Warrington bod manched fifty miles to color a position before he had thought it a rafe to lower the city walls. This was the finesh hint that under lower conditions, Warrington sould beaut the torvertilal generals, even though they were distinguished

I was with Warrington when we task the hill. I rerember standing by him, after we had out the pits for the tubes and placed the weapons in position, looking down upon the tity. It spread over the vost, uneven discondible in the confight, entirement and many the discondible in the confight, entirement by selected extenments and my pranata that things above the towers. Just below the city was the spon-port, where the arise of the configuration of the configuration

Later in the war, facts of the more efficient globeshaped vessels appeared on the moon.

IT was not lost before we new a good double attivity.

A on the reday plain below one point of standard,

and the reday plain below one point of standard and the red below of the red below to the red below the re

up and down our lines. Books and creeping requirables, men and weepons. before time burst into momentum men and weepons. before time burst into momentum the contract of the contract of the contract of the line architectures. McKen bud you like a print cutain of vavoring Right, firing lurgely upon the space files, for to recept the type as in it firsted with five, for to recept the type at the lift and with five, sean below, running up the lill, ray-claims in hand. The Tallurians were attemned to profittion. Warrings ton ordered the great tribus to be depressed whenever to ordered the great tribus to be depressed whenever to contract the lift of the contract of the contract of the tribust of the contract of the contract of the contract of the tribust of the contract to contract of the con

Meanwhile, the deathing narrow raps played up and down our lines, respecting down these cought supposed, and idealy cutting away the seller rook hefers our tretches. The section of the hill we occupied was alighter than the section of the hill we complete was alighless of the creecest and charged up the hillings in the low of the creecest and charged up the hillings in the securities of lines, fring famings rape of red and green and yellow as they came. It was a harde stitute,—there whereast from south harms how to advance into occula-

In a few minutes the front line of the torrestrials came over the hrow of the hell. The fire from our great tube could no longer most them, and a desperate handto-hand conflict rapid all along the line.

sending endinot ragion at a long the line.

Our standard—In won metry to life sequence of cloth,
Our standard—In won metry to life sequence of cloth
The centificates of our same might have failer with it.

The sendificates of our same might have failer with it.

In the passage fluctionant samed Andrews. He spread
belding out of the trench, selected the rufe flag, and a tool
selding it up, exposeing littered to the flatning rays, usuit the tile was named. As the terrostrate rettier of term space, he full described to "Herem rates" Andrews'

The form space, he full described "Herem rates" Andrews'

hereine a raileting ray for the reat of the battle. Warrington had only a few mirutan to recognize his defense before the attackers had formed their reaks again and returned to the storm. For ten biure the fighting went on. Sometimes the terrestrictle were a way even help the translate, but the cry "Stementes Andrews" seemed to raise even the falles to drive.

4 them hexit.
At last, a definite retreat was made from the hillstop.
At last, a definite retreat was made from the treather. But define west released, about the task of consolidation which was the same and the second defining his position. More trenches were dup, more grown D-way takes moved up from the entry. And or say a floring rays fall in an unbreaken storm upon the hip in the super-port, and the butteries that protected in the super-port, and the hutteries that protected.

that and the town.

Our predicts occursanced the port and the town. On
Newmber 37, 2015, General McHan Issaich the remnant
of his troops on the six of his war-firm still able to
move, his way the other three, and left New Beston.
The air-locks of the city were eposed, and pithlant
through poured out and up the fillible to velsions the

men of the deliverer. The excitement and reporting was descrebba. In spice of all that Warrington exist any men fielt that visitery was already was. And the visitery had real value, even if continuous was inclined to ever-estimate it. Even acaptics hadbeen shown that the more-field could engage the veteras troops from earth on equal terms, that the chance for likerty was at lead. The precise of Warrington and

of the Assembly grew immensely. Buppiles and refofacements began to flow toward New Booten from all inhabited regions.

But, so Warrington said again and again, war had but began.

CHAPTER XI The Easle of Sproc

I T was October 3, 2006. Nearly a year had passed alone the bettle of Meteor HGB. Van Theren's fisst had some from the earth—half a handred mightly globe-ships of space; and Hambelt's army bod replaced McRam—first thousand someoned voterans from the guards of the Corporation.

Meikarh.—Sity thousand seasoned volcross from the guards of the Corporation.

For a year, Warrington has matched his inexperienced and poorly armed recruits against that overwhelmingly larger force. He had marched here and there about



28
AMALING SIMP

Is had fought half a dome halfar. Near of them were victories, yet he had sower hom declaway defined in a greatenal half host otherwy by had like the property of the same security o

It was not long before we saw a good deal of activity on the rocky plain below our point of vantage. Scouts reported that great mouses of troops were leaving the city.



Yet the meen was not without an arm in space. The four small vessals left before Thoughthis, after the ramming of the Sandonis became the even of the lunation may; and a few former pitrate or amagiflar vessels had been commissioned as privateers. Small object they all even, and unaulty declement. But they were manned by aktiful and durations men, and commanded the properties of the comments of the comments of the Bosze had been able to set this little free time cause

before the arrival of terretrial ships at Theodelias. He had reamed the lones of space between earth and moon, committing during mide on the transports bringing supplies. His ships had capaged and destroyed a donor mostly, and had brought four prince to the meco, laden with priceion cargoes of arms, chemicals, and munitions of war.

The space-point at the time great cities, were, of course, ecoupled or bledwided by the Tellurian feeting, and Danse was chilged to make his bases of operations the leastly enters that once had been primet strengholds. Landling its such a pince, without the compilcated members of the pricts, in always Randcolou, and requires the united takin on the part of the pilot to bright were did some such enough the loop from words within the world shown such enough the loop from words with the world bearing the land the price of the price years of experience in piking; in his rather committle camer, the had devidedue become fundillar with soul

The Fellipsians had bearred of such difficulties, to their cost, when they attempted to trug Warringstonsoms in the cruter of Hillspreachin by History the first control was not conflictedly delicate, and before call filters were dashed to please on the rodes, because their carried was not conflictedly delicate, and before the control was not conflictedly delicate, and before bring Warringshort county under the rays of his floot, the general had left the cruder by the rote-'back doors' county, where he had played have generally with repcently, where he had played have generally with rep-

plies and reserves, and captured a score of great B-rays.

At this time, is October, 2838, Warrington occupied Throughlias. The space-port was blockaded; and though the location of Humbhil's army was not certainly known, it was expected that he would be landed non-

the location of Humbelt's army was not certainly known, it was expected that he would be landed nonand attempt to invent the city.

New Boston, after Warrington's campaigns had led him sawy from it, had been re-occupied by the Tellurations, after a sless of a week. Colon had been twice reients, after a sless of a week. Colon had been twice re-

citizens had put up a heroic defense, and ahe remained free of the terrentrials.

I was with Warrington, of course, in Theophilus. I had hoped to meet father and mother there, but I found that they had both gore best to Firerent. Way, I did not know at the time. Certainly there seemed no use in weekley the mine, when the reads were no burn us and

bbehaled that metal could not be moved in an ext.

The Assembly was still in season. There were treables enough before it. It was becoming difficult to finance the war. Warrington was in sore seed of men and supplies. The mose had both in plenty, but the terrestrial control of space had no far disorganized industry and communication that they could not be good.

to aim.

It belied to many as if the war raight drag on indefinitely, until the mean was rulned. In the difficulty,
the Assembly resolved to call on outside anxistance. A
few years before, as the reader will recall, the Treaspartiation Corporation had been at the threat of Metals.
If it could call be induced to return to the attack,

the ATTER long debate, the Assembly wood to sout a department of the ATTER long debate of the ATTER long long debate of the most long debate of the Market long debate of the most long debate of the Market long long debate long

this on minds the summer rice has produced. I have nower known jout wky I was schedule to be he wiste secretary on the trip. Certainly I wanted the body smugh, and did encrything I could to get the populations; but there must have been a secre of oth updata. Perhaps it was my old friendship with Warrington and Govilles that one as the size.

specials. Ferrings is was not cent Printing with both Warrington and Gardiner that were not he place. both Warrington and Gardiner that were not he place as well as the place of the place posteriority bits even honorath theory reverse. Seen the stronger was interested by the wast, restless power of the many be carried as sure of dynamic and resistless enemy, both of body and mind. At this time, he was well praint middle gay, but the caused any

aw nothing of saminly in his seed, vagorous frame, On October 3-2 was yet in the forecome of the lease day—Gentliner and I left Theophilus on our memonius motion. Before we left there had been a damor at Warringster's headquarters. In the huge bright room, another massive please of furnitive construct with reports and maps and pleas, we had center a rober most, what it might yet bright. Then, with a smill and a what it might yet bright. Then, with a smill and a

pential handshoke, the Green! had without us good fortions in our handsvisus streams.

Clid in light, white guranents under this histers, we bed left one of the small values in the city wall. Save the left one of the small values in the city will. Save the left of the small values in the city of the handswapens, we had no luggage. In the dealing bilinding plare of a sam that blacered and strong, we expert entisionly away from the city, through the rapidly away from the expert entises the city of the city of the city of the city of

d ravines and ensyeen, out of slight of the five great pathweships that hims above the city, to keep the part between the control of the the great pathweships the control of the control of this and ridges, thickly posled with crate-lets. Some the great pathweships the control of the control of the though the three shorter, backle packs still rose behind to use forced a way through petidey thickets of the debreverse herbags, and dembed over fices on the

I let lichean. An inconspiences sign here and there and antificed to keep us on the register paid of Warrangton's intelligence service. The state of the control situation of the state of the control situation of the state of the control situation of the first in regged wall of naked, think rook. Several times were copped to rest at one of the little hidden stateous, where food and lattice of water were cached. Even after it seared that the grins cairs will was almost over us, we

food and bettless of water were control. Even after it
set also bettless of water were control. Even after it
set it rapided on for many weary hours. But at leat we
reached it, recyt through the sarrow defile that had
been cleared with the Darge. And we walked out of
chill shadow fat the hot blace of the sunwell of the sun-bettless of the sunty well of the sun-bettless of the sunty well of the sun-bettless of the sunty recks assemel quiversing in the sun's unbridgen giber. Out

of his pocket Gerdiner draw a little flag of yellow and market, which he waved show his boad. In a moment a white-clad man appared from a man of thoray, hayroset perub on the hillaide behind ma, berigged fine of summits in a broken line against the dark title of the eky. The fellow stood half sidden in the dull-green scrub for a meconst, cautiously peering through timed glasses, with Devy in his band. Then subfemly his meaner changed, and he came kaping down: "Gardiner! The great Gardiner! We use your

"Gardiner! The great Gardiner! We use your atomic beater, to warm our little post hare! But I never thought — We are at your command."
The dd scientist antiled genially. "We are going to station K, to meet Paul Donne," he said. "I need moon-bles he are warmed or overwhear and a radia."

station E, to meet Paul Donne," he said. "I need moonculvus to carry myself and my companion, and a guide." "Sure," the follow grimmed behind his green goggles-"Just a minute. And I'll leave the poet to my partner

and guide you moyalf."

He left us, and ran back through the scrub to the boulder from which he had appeared. He vanished behind it, and for a few moments we stood above there, on the edge of the desert.

"Wild and knoly, sar't it?" Gardiner remarked. "I lived on earth for years, in my youth. And I can never get used to this again."
"Harsh and cruel enough," I assented. "And yet

get used to this again,"
"Harch and cruel enough," I assented. "And yet there is seemshing alluring about it, mystery, rumanes, the unknown."
"Yes, I have felt its have even wished I had time to

go prospecting myself. The moon is rather inhospitable to man, and yet the very difficulty of this life has most of the moon people what they are." Suddenly a great mass of ceraline costun-like growth on the lillides above us was bent mich, to raveal the mouth of a cleverty hidden tunnel or execut. From the black counting three bully moon-calves centrepol, with

shifting most saddle stagged on their tweed back. On the forenood was mounted the man to whent we had speken; the two others were for m. The guide diang out his arms in a curious patture. It was essent by the great first green gast of the creatures, for simultaneously, then his goinglow; gas both, they creating the contraction of the stage of the green of the creatures of the size of the size of the creatures of the size of the size of the creature of the size of the si

begreen. Obtoient to the gestures of the white-robal rider, who setted a more under upon the giganth mount the three Schalbes cann down bewed in all the other Schalbes cann down bewed in all the other forms of being crashed branch them. One of them full right before ma, knowing agaly on steheler, spidary flush; the broad given system that the timp thank puglish stared at me inscretably. Those years were very strange, very

The buge red thing best its agending legs, bringing to glittening, sende-arrored, souther helly to the recks. A lang carried me to the metal and the Franklin permitted the third meetier to life him to his seat with its trunk-like appendage. In a moment the guide had

"Hos-Ayas! Mos-Lyae! M'Obb" his desp veice reage out in the ringing command. The vest boiling biseasth us wern estapolited servedely and swittly forward. We sweet through the said on high, swift fight, for a hundred years of the said on high, swift fight, for a station recking of the said has an amount of practices Again the guide called out his charming ory, "Hosley and provide the said of the said has been also also guide the said of the said has an amount or practices."

Ayen," and repeated, in an affectionate value, the basse of his mount, "M'DE." And subfacily I recognized these and man. The fellow was detains, the carries must of the desert, who had discovered the Fiscerat mine, and sold 51 to my inthese. As a boy, I had water liked the short, sus-barried fellow, in uptic of his ready-score. But it was many years edince I had exem him.

AS we wrept through the air, the three great beauts hasping shreat, I called cut to Jenkes and told him who I was. He seemed coldy plaused, and prefused to think that he would soon have peopgrased melio made eager inspiriou about father and the rest of the family, and excess designated at the same that Weter and the seemed designated at the same that Weter and the seemed that the seemed that the that Jenkits had been with the promp reflow on a reconceiling thing a few years before, he did me. "You"

a reed man. He's get gate?"

Presently the old sount began a long-winded account
of how he had come upon the Firecreat prospect, but
my experience wan so novel and exciting that I soon

loot interest in his words.

There are few more thrilling ways to travel than upon the back of a Schelte. One sits in the little box-like metal gaddit, with the height-clored sunshade above him. He gives the signal with his hard. The sincher legs or his vest mount band, the amored red body sixts almost salarenlayly. Then the spring—a long, delibered; surping sweep that angle on as leftly

flight of a hundred yards or mere. One mounts swiftly, plunges shifting forward through the cod all, settites easily to the surface spain, ready for the past rocking leap. It is a upleadid means of travel, affording marvelless senaction and superb views of the moonsame. And it is superprising rapid.

Like great, hared-bodd insects begging, our Seinfalce carried an owith into the wild regions wast of Tacophiles.

Vast slender mountains, beind and blazing in the sun-light. Cracked, stony deserts, wild revines, ebon-shadowed craters. A political contrast of bifinding illumination and mysterious chadow. Here and there a

splack of videot color-scarlet liches, purple scrib, rich-blue messes, patches of emerald green. And above all, the sky was a blush histi, set with many stars even by day. Leap. . Leap. . Leap. Bour after hour. The waird panorama of barsh

and starting contest in form and color, in blastic light and profoundest blackness, dropped, olid beneath us, rose to meet us again.

I gazed about, ever cuchamid. I was leet in awe at a runt material peak, crowned in solar satingfor. I ex-

claimed at aight of some strange thrub, bright with a foliage of wild green or startling magests. I was startled at some quick, storier, kaning thing that spreasy up like a fand of living oder before us, to vanish in a mass of bayonet strub. Gardner had its notheroid out, and was recording characterious or specializations of some kind, I suppose

Joshim was muttering less words that I did not understand, to MYOs, the love of his life,

Leap . . . Leap . . . Leap .

I grow sleepy in the unbreden heat of the sun, and
desed as we swept through the sir, farred into wake-

still near the rocks, and isfen with sharp, stronge olders. But high on the long are of our flights, it was ool and pure.

At last, my mount falled to rise again, and I sat up alongily to noe what the mitter might be. My companions had come down beside me. Before us, a quarter of a mile away, roce a ranged commain well. Below

th, and extending to our feet, was a done forcet, perhappe the thickest I had over soon, of the dull-green
spity plants, dotted with purple and sourbet trees, and
testecond with cerelline creeping vines.
I turned my head. The towering walls rose unbroken

I turned my head. The towering walls rose unbroken all about us. We had entered a crater through some concealed passage. The high-rimmed cup was not a

mile across. The whole floor was densely envered with And in a little rocky glade beside us was a space The great subore, nearly a hundred feet in diameter

lay on a bed of rocks, where it must have taken unusual skill to hard her without discreter. The unner part of splotched canvas, to conceal her from the even of the

terrestrial fleet. Below the edge of the cloth was the name, stenciled in high gold letters, Scale, A few yards from it was a circular opening in the rocks, closed with a low metal soor-the mouth of a shaft. And a little distance away was a tiny cleared

patch, covered with rows of red and green plants, the garden, I suppose, of the ship's crew No one was in sight when I sat up. But suddenly a sentry argang up out of the tangle of vellow acrah a

In a moment, a man argung out of the open sir-lock of the wessel, a dozen feet above the ground. He landed with cat-like grace, and came bounding toward up. A striking flours, truly. Face thin, with him even corisneath a white topi". Body tall and spare, clethed in

clean white ducks, and girdled with a mask of brolliant red-a memento, that, of what the here's earlier ad-"Gardiney! My old school-master! Welcome to the

A smile of real pleasure lit the great space-captain's

lean brown face. Instinctively I paid my homage to this great here of the void. In a few minutes we were in the bridge-more at the top of the ship -- a wife space, covered with a low metal dome in which were a hundred little windows. In the center was a circular table, built about the arms

levers, signal lights and buttons, and with periamone screens that gave the view in all directions. There were the telegraph disks for communication with the engine room, and the telephones to the Deray decks, the

ting courses. Quite a complicated set of instruments, Donne's second officer, a lean young chap named Bris,

tered. Doone presented us warmly, and rang a little geng. In a moment a white-clad steward entered, with glassen, riphon, and a great fagon of Dospe's favorite beverage.

"Doarne," Gardiner said briefly, as he set down his glass, "we must go to New York," "To New York!"

"Exactly." "You know there are certain risks?" "The danger is inevitable."

"It is my trade, of course; but you are a statemen, "The cause of the revolution demands that we treat with the Directors of Tranco." "I will get you there if it can be done."

"Good. When can we start?" The interview was over "A off lot or below, enquesting in India, wors as a promotive assists CHAPTER XII

AN hour later, as Desite had promised, the crew of two hundred men was abound the Eugle, the con-

swiftly out of the fantastic yellow forest Swiftly the blue-black sky grow blacker, and tracks

of pelulius star-dust cropt out among the brightening stars. The sun, driving intense shafts of fire strating wonder of livid, winged, white flame. I dequed my tinted glasses and viewed it a great subere of whitelight, marked with the redder sun-spets, with the ser-Doane had crowded on all our power, in the hope of gotting away without being observed by the petrol.

deck, that used as I was only to the feeble gravity of the Gardiner and I were sione on the bridge with Doane and his first officer—the men were below, at the maover the great round instrument board, Bris, our mote, in nervously mering the deck, stopping to gaze out first Douge suddenly muttered a low exclamation, and

began to manipulate the telegraph dials before him. He called Bris, gave him a quick command, and the which plotted the course. I felt the ship swerve, and our speed seemed incressing more rapidly than ever. "Look," he said.

I poured into a ground-glass disk that was evidently the objective of one of the telescopic peristopes. In it, against a field of utter black, were two hright points of fire, far apart and apparently motionless "Those are two war fliers," Gardiner told me. "We

see the sunlight reflected from their bulls. They were enables us to avoid meteorites." "The indicator shows that they are approaching us at

almost a thousand miles per bour," Donne added casually. He seemed undisturbed, bending over the bewildering array of instruments as calmly as though no

"How far off?" I questioned. "Three hunfired fifty-one miles." Deane said. "And if they are Van Thoren's cruiters, so they must be,

their maximum acceleration will be somewhat above our own. We have several boors, though," Presently I wint away from the table, where Donne room was a strange piace, dark despete the thaded lamps shove the great round matrument board. The

narrow bissing shafts of sunlight stanced blindingly on the ficor, hardly seeming to light the rest of the room. Donne had aboved me the little disk that indicated the distance of the pursuing ships, and sometimes I

the moon had shrunk from a weird, rogged plain to a bright mottled sphere that seemed to hang very near in

the night of space Precently, so I was pacing up and down. Ryle, the mate, touched not arm



metior vetces, rewilling up in that old prints roug, earried an infectious spirit of youth and courageous enthusiasm.

W. E. Left them, as the mirror officient were spitting them to finder pricess, three most to each greatgeoming table. On down we went into the breach of the oldy. We passed the prover plant, a wast, plearing your in the cruter of the spikers, creeded with high

gloaning table. On down we want into the browds of the edit, We passed the prover plant, a want, glower, and complicated masses of threebiling, whirring machinery. The revolving wheel has carries the quanter of the crew was like a great ting about as. Here and bounding geometries or intensity withing disk, and greacy often swamp like black rapiders here and there in the wide falshed within. See they assess to take her there were singling or humming at their work. Through this, we dembered some the long hadder of them were singling or humming at their work.

comit were stoping or miniming at cells were. Through this, we elimbered down the long ladder to the lower Darry deck, where there were tessen-best more great titude, and several-view widting man. Below this color at the pole of the aphere opposite the centre of the color at the pole of the sphere opposite the centre of the color at the pole of the sphere opposite the centre of the pole of the pole

hridge.

The pursuing filers had gained seventy miles in our absence.

Another hour west by, with our skip plunging earthward at the limit of its speed. Now the other war-filers were but forty miles away. One hour more, I thought, and their wordy superior argament will have

But I did not know Paul Doone.
I was standing by the little round disk of the periscope, watching the two points of fire that were the ships. They were very bright new. Suddenly Doone learned forward to a bank of lows. Seconds of a group

or them in a certain company pattern.

I felt the Eugle lurch a little, heard a second like the
firing of an old-fessional sames. A few minutes lates,
the projectibles he had fired explicade behind us. White
luminous cleuis spread from the quick bursts of Zenne,
grew until they were vast masses of mist, biding the

luminous cieuza special from the quiez torsts of hands, grew until they were vast mease of mith, biding the either filters and filling the sky with an opalessem. (These projectiles were the Ziker spine-acreen bomba, which form vant clouds of electrically charged particles in specs, lit in part by the sun, in part by the radioscription of the constituent nexter. They are as in-

pectant item in the attractory of space-digitaline.)
When the ferming clouds had grown large enough to
protect us from the searching telescopes of the other
ships, Donos cut off our academation; and we found a
few miles head of the cloud, waiting.
With the blant residence what off our sementions

or walking only with the aid of magnetic abox. We waited for the war-fillers. Suddenly, at the same time, they hurst through the bandious mist exceen, plunging carthward so fast that they passed beyind us, one on each side. The Englawas ready, with a pils turned toward the path of each, A broadside of rays from our uppur D-ray deck amplif-

The Tellarians must have been taken somewhat by surprise, supposing Dosne to be seeking flight beyond his mist-screen, for their fire was delayed and ineffectual. It was evident that our rays had done serious

greet strester from the phys, and the maked plakes beneath were beaded to inconsideratory and the propulsion matchinery of both beened origined. I have no declarit that Paul Dosen would have wen a propulsion of the propulsion

or the other side, and sweeping toward earth again.
Either the other ships were too hadly crippled to fellow, or they searched for us in the cloud until we were beyond the range of their detectors. They did not follow.

Collow.

A day went hy, and our hearts showed no sign of pursuit.

In the lower days that followed as we were herebod.

pursuat.
In the long days that followed, as we were hurthed
through the fundastic knowly denoisition of infinite space.
I spent much times in dambring shout the hadders and
out-walks of the olds, from bridge-room to blast profector. I learned something of its mechanism, and
much friends of several members of the crew—who were
mouth cherrich heavy fellows, with the deliast childlike

faith in Bills talismans they carried to word off the blocked between of spaces, security task, probabed to a raily disk. He were it on pidelium chain, and swee that to have outdeen to him will it was both. An other planted his fauth on a fragment of a meteorite that had senderly formed to a fragment of a meteorite that had senderly formed to the him when the had been sender to the him when the had senderly of the him when the had a mirrouleus cases, sefer a collision in space, while an mirrouleus cases, after a collision in space, while work at the mirrouleus that is a senderly the him the had a mirrouleus cases, after a collision in space, while work at the mirrouleus cases, after a collision in space, while

the cellar was left. And all sween devough that not a man had been induced in the themsand period of their made, who had had a thread of that ownsider about he person.

The defidier was stilling his space time to write a non-time space of the little was a pose of the companied with the companied w

makes it a pleasure to be near.
And, no we spod through space, I thought more of
the girl I had met at Thoughlus who had called hereaft
Mary Jons, I worsden's who are really was, when also
had goes. I worsden's who are really was, when also
had goes. I wondered if also could be naturally no bearthere are the place of the could be actually as bearthere are the space of the could be actually as bear
over one ber again.
Three seemed small chance infected that I would meet

her so carth. But I had always imagined that she had gone back there. And I had a lover's optimize. I'very a supplied of our delay during the state with the warthern, our passage was minusually sheet. It was just

mineteen days after Gardiner and I had left Tatophilas that we entered the carliff a stroughers. On the hight of October 22, 2335, we entered the air, over the North Attantic Ocean. Landing had occased to me quite a problem, in socrecy, at hight, and on a strange planet. But Paul Donne did not soom at a lean. He took us westween, at an altitude

at algebra, and on a strange plained. But Paul Donne did at night and a beat. He took us westward, at an attitude or of earns fifty miles, until the lights of New York City were visible like a great fibe of silver fire in the distribution below.

Then he slanted down, reaching the ocean a few miles off Long Island. Landing on water, of course, is a far

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the man, though the westly genetic gravitational pull of the cards consultation the matter some what. And the gravity of the satth, six times that of the more, was a very seriesa inconsultance to our own measurests. Even with the Eaple resting still on the water, 1 for the same unsatural effects for the deck as when we had been succlearing with all our power, in feeling heavy and unconfirctable, we sill made use of feeling heavy and unconfirctable, we sill made use of

Our voices sounded increasingly load, as air was slowly admitted to the flow to raise the heremotive pressure to that of the new plants. Not only does the heavier after record course committee and the second course were subjected to the raree of the record courses were subjected to the raree of the record courses the record of the record of the record of the record of the had considerable difficulty to keep my voice low enough

not to sexual conspictors among the terrestrials. The great shall drifted landward under the morest impulse of the blast, until the dark lim of the hand was visible through the murky after careta, a half mile away. Then the mea geodised and launched a small mile dark limited to work for the state of the second contraction of the second contract has overer for shall the interceptory. Gardiner and I stopped into 8, after the carross was about 4, blacky bends with blancs. Is down industrial the work of the state of the sta

were more inside on the said, and the sent took the boot we were inside on the said, and the sent took the boot was took the boot took the boot took the secretary was took to secretary with the secretary was took to secretary with the secretary was took to secretary to be sent to sent the secretary was to see the secretary to be sent to sent the sent to se

"He intends to hide the ship in the morth of Greenland. He will be back here three weeks from tenight, will send the boat to take us up."

My cancations were the queerest imaginable. My

memories of the earth were but existencial and vegous and when I had been taken to the moon, I was too young to appreciate the strangeness of a trip between works.

The gravity of the earth gave my body a leaden weight. Accepteemed to travel by great strictes, see his

beands of meny yards, I found it difficult to job; up my feet. The six feet oppressives, alone, moist. It was a equisalized pressive on my chost. And my sense of equilibrium was affected, for I reside and obtambled, and had to est down on the sand. Gardines esenced to be suffering as much as myself.—"The just the pravity," he said. "It will pass. We

"Fr just the gravity." he said. "It will pass. We will be seeinstand by dayrime."
For long hours we set there.
All my sensations were strange, but I think the strangest thing was to be out of decre at night. I could not remember having been out at night before, for

on the succes the teach of night is death. As we ast there, I loade at the stars. They were not meticuless and bright like those of the meon; the thick, nursy are given them as odd wavering motion, the sky in never really black, and most of the stars are always occessed in the six. Others, two, were circages. There was a curious small of growing things, of unfamiliar slowers, and the staff rang of the sex.

Then came suncties. Not a moleta burst of blinding fee, but a symptomy of changing, multitodinous shafting shaden of liquid light, weadors of pale dawn-decod, thred with coffeet pold, miracks of erimeon and purple, splendors of deepest assure of gorgeous pold. A residy you way born from a nea of molitin glicey.

And we rose from our seats on the sand, two strangers on an unknown sphere—with a vast and perilous mission CHAPTER XIII
The New York Negotiations

The New York Negotiations

THE beach on which we had landed had seemed
very lensily by night, but if was not so by day.

A half sails above the water rase the coloreal pile

A half mile above the water rose the celessal pile of a building, endesed in a pilitaring armor of glass, somewhat like my familiar cities on the moon. But this edifice was slender, and two hundred stories tall, with a flat limiting stage upon its summit.
All about is the errounds were besutifully landscaped:

bedges, larms, and clumps of flowering trees, acutered with foundates, golf links, and promensates, extended down to the basch where we steed. A mile farebor on was another vest building, and to the visible of their mar was seen to be a state of the

down to the basch where we steed.

A Mile farther on was another vast building, and to
the right of that were two more siendar, bowering structures. And there were more beyond, the further considerant of the structure of the structure, and blue-like, far-off hills. All
Lower Island was scattered with them, and the land

The contribly tended pleasure-pardient were incredibly beautiful to one from the freeze waster of the more, bright with the luminist energial vegetation of eleman spring. With climatic centred, which bumples atomic power had made slumple on earth, though it is impossible under the wastly different conditions or the more, winter has not come to New York for a hundred years, and orano trees bloom in its parties.

As we strelled up the silvery beach, under an odfly willd and genild arm, not its the wenders of this unfamiliar would beneath a blue day so bright that the stars could not be seen by day, the place awde. To glasming wings of sirplanes flashed across from landing stage to leading stage; and the gardens were seen detted with the dull-grave uniforms of the carrickers.

idlers bent on morning coarcies.

Our sun-belmets and inthored white garacets much
have made us rather completeus, for I mesember one
blear-cycle dolf fellow, who was running a whitering automatic moving machine, who stopped and stared at up
a full minute as we walked past birs. A bit farther on,
or strelling every a soft rich laws bechred with a him

and a may girl, with tennis recierts in their hands.

"Hells, there my men. What's your idea?"

Taken rather aback at this uncalled-for question, I
looked at Gardiner.

"Transe. NSD. 196 kn R." The old scientist an-

"Tranco. N3D. 186 kn R." The old scientist answered gilthy.
"Yes?" There was a note of surpicion in the young-

ster's voice. "Then what's the matter? How'd you once to be in a rig like that?"
"We've been in the Sahara. Prospecting. Acre dropped us on the beach at daylight." He shhed in his project, free out a fittle disk of strenged during an and the sahara should be should

extended it to the fellow. "See?"
"Yes. Idea, all right. "Tranca. NSD. 136 km 9."
"Yes. Idea, all right. "Tranca. NSD. 136 km 9."
He handed it back. "Looks all right. But you had better watch out for the information gaug."
He turned to the wirk threw his arm about but

He turned to the girl, threw his arm about her familiarly. They stroked on over the bright garden, turning, once or twice, to stare back at us as if sesplicious of our garb. Gardiner turned to me. "Mile pleasure-sectors" be

muttered, a little contemptions. "What would ther do not down to farm a crater on the more."

He handed no a little diok of that metal. "Identification tax. What he called an iden. Everybody has been a little disk of the exercise to have one. It tells what corporation yet below to, and how much have one to the whole the exercise the said how much have you get. Also has your left all little in the little what the have the exercise the said how much have you get. Also has your literalization.

number on it. A man is ranked socially by the amount of pay above on his tag.

"And as the young man hinted, we must be careful. Metals has apies everywhere, and we lumarism are fair young for them to be treated on trivitors if equation. We

Modals has aplea everywhere, and we hunarians are fair game for them, to be treated as traitors if eaught. We will be cafer after we get inder the protection of Trance. But we must get to town at once, and get on different elether."
We waikled on seroos the hright unfamiliar sardens

to the waster the acceptant and acceptant and acceptant to the acceptant acceptance of the acceptance

of the city. I chose a crimeon tunic, with blue robe and mash, while Gardener contented himself with a dark

green suit, with black mantle.

Then, at a higher level, we found the dining-recons
and had a breakfast of synthetic feed mixture, served
with orange juloo. Having coten, we purchased a news
atirp, upon which the happenings of the last few bours
were recorded in the modern printing shorthand, and
took the elawater to the roof.

On the leading stage there we engaged rounge to the building on Masshatan Island which browse to executive officer of Tranco. Gardiner, reading the paper as the swift attendered filer ent altestly through the sir, assured me that nothing was said to indicate that

sir, assured me that nothing was said to indicate that anyone had seen the arrival of the Eople in the earthst atmosphere. In a few minutes we had landed on the great, threedecked states of the Tranco Building, one of the largest

overs sixty cores, and is the capital of one of the largest corporations in esistence.

We dropped by elevator to the floor given over to the Board of Directors. This provid a verifiable pair, of beautiful architecture, finished with a spinnfor that was annaising to me. Here we interviewed a few secre-

was miniming to the. Here we interviewed a lew secretarise in the little glass cells before the effect of the dignituries when they guarded. Gardiner did not wish to dischose our identity until be hel learned something of the attitude of the corporation toward the war on the moot; but it seemed impossible to see anyone in authority so long as we were urknown.

B UT at last, in one of the long, bright-lit, oplended the moon cities, we mat a little wrankled man, who sprang to greet Gardiner with an engar exchanation. He was, it someoned, one Robert Bake, himself a Director of Tracco. A man of celentific interests and aspirations, be had how known of Gardiner and he brilliant

work, had oven met him at scientific gatherings in New York, years hefore. He necessed ablighted to meet the old assentiat. He hurried us into his sumptrously furnished office, and

barried us into his samptoonly furnished office, and inquired short our business on the cartil. Gardiner lost no time in telling him the chieck of our wist. He could give us no anturance that Tranco wealth be willing to break the peace with Metals, but he assured us of the cordial Triendships of the reoperation. After a time, he conducted us up to the offices of the Precident, in a guite of such alterior are would make

a lunarian gasp with wonder. We were most warmly received by that dignitary, a sall man with ires-gray hair, named Frank Lewis. He invaired shoot conflicten on the moon, corresponde on Gardiner's scientific achievements, and invited us to come spales. He saw enders that we work to be treated as honored guests of Textoo. From his office Biker book us to another where we were given pouposts that would manze our periousl randoty. Then he carried us off to haplated suite in a busiding above the Pallendes, and make us stop with him. We should still no regarded early the part of the pa

experiments together.
We saw Lewis again. He was certainly friendly
crough; and I knew that his best withes were with the
inaurgents on the moon, for the revolt threatened to
break the power of his greatest enemy. But his memory

of the war of 2507 was so strong that he hardly dared to take any open action. One day a meeting of the Directors was called in the speciess and magnificent auditorium in the Tranco building. Gardiner spoke before it, making a power.

building. Gardiner spoke before it, making a powerful appeal for the eases of the moon, streaming not only the cause of right and human liberty, but the advantage to Trance in having a free corporation on the meso, with which it cauld trade on an equality with Metals. The Directors were doubtful arms of them frankly

The Directors were doubtful, some of them frankly afraid. The meeting presently broke up without have ing ceme to any definite conclusion, but the case, we understood, was almost hopeloos.
But Gardiner was not one to give up easily. He kept

at week on the project. He new Lowds often, and was most coeffiding received. And sementisse I wormed the cutstons in an outer office fee imp hours while he was cleanted with some other officeal. Now that his identity was known, his popularity became immense. He was a floor at the great accid affairs, a great caperly sugget for by the most exclusive circles. His simply manners and quiet tasts in edithing own caused a find of imitiand quiet tasts in edithing own caused a find of imiti-

tion in the diskin fashions of the time. But he did not forget his purpose; he used wit and intellectual attainment to weak steadily toward his cod.

That men were willing to listen to his brilliant talk or to favite him to their select social functions, did not mean that they were willing to go to war for the eausa

of the monn. After we had been on the earth ten day, the Directors hold another mention, induspon, par hype, by diplematic complications with Metals that had then frem our efforts, and adennity readered in the cause "dissalve the tics of peace and friendship" that bound then to Metals. But even then, Franklin did not despair. Bake was all warmly friendly, he was still an admired and wel-

come growt in social circles, and at the offices of Lewis.

He had not a wealthy young man, Lafoltete, the head of the Ghouge offices of Tranco, who side in deep devotion to lumar liberty. It seamed that Tranco might help un secretly, if she dared note do so openly.

One day, after he had been to some sort of secret concluse in the offices of Lewis, Franklin returned to

Bake's safe, where I was waiting, with his smile of encouragement on his less fine. In reply to my eager inquiry, he said:

"Nothing definite. But a chance or consething that will be much a court deal to the more consething that

"Nothing definite. But a chance for semething the will be worth a great deal to the mose.
"You remember the war of twenty years ago!"
"I should. Father was almost killed in it."

"Thought. Father was almost killed in it."

"Then you know that Tranco had been building spacefliers. One Doctor Vardon had sold them an invention
of his, a process for using sold to generate the stonic
hast for propelling space ablgs. The experimental

ships were discovered by Metals, wiped out. Varden and all the men working with him were killed. The nearet of the discovery was thought to have died with them.

I selved her white forearms, looked into her dark, "But Vardon left a widow and an orphan child-a olyl. A few days after his death, they vanished. The information service of Metals hunted them for years. First she terked back, in surerice. Then a sudden light of incredulous gladness flashed over her face, and and Tranco officials, suspecting comething, joined the

"Until a few years ago, it was not known why Metals wished to locate the mother and the girl. But last year Lewis received a communication from one Leroda Varthe gold atomic blast, and offered to sell it. Lewis had

her come to his offices for an interview, and had an investigation made of bur claims. He is satisfied that

"It seems that the matter was brought up before the their previous experience with the invention, they were afraid to make any attempt to use it. They endeavored units-the secret is worth a thousand times that, of courte-and the penurious Assembly, not during to use

than a half relikton. Nothing came of it except that the "And, John, Lereda Varden is now in New York, Lewis has arranged for Bokr and me to call on bur tomorrow. It is possible that we can make some arplans. And If we get it, it might be possible to build

a fact on the moon, in which the blast-projectors can be "And once we have a fleet, so we can communicate with earth, I think we can get belt."

THE next afternoon we flow out to one of the great buildings on Long Island-the very one at which Gardiner and I had landed. With Bakr as our guide, we descended elevator shafts, and glided down moving wayr, and at last stopped before a deer at the end of a hall, where there was a huge window looking out upon the green expanse of the ocean of earth

swang open. We stepped into the vestibule, where Bakr left us seated for a moment, while he walked on into the next room. In a few minutes he came hack and called Gardiner, and they were both gone for a time. sected, though I had a rather strong curiccity to see At last the door swang open again, and Bake came

into the little room, with Gardiner at his beels. Gardiney was meaking back over his shoulder in a hopoken

"No, the moon could not possibly pay a million units."

"But it cost me my father and my mother. Because of it I have been a fugitive, a hemeless wanderer, hounded by the apies. And I must be paid..." That volce was familiar. The sound of it brought me a queer, eager thrill

Before me stood the girl I had known on the moon so Mary Jons-the mystery girl, who had vanished on suddenly. Beautiful as ever she was, tall and slender. was a gleam of moisture in her eyes. There was some-

the seas of earth.

Her arms trembled in my hands. She closed her eyes, swaved a little toward ms. Then suddenly she steeped

less, overcome with a queer, tingling delight. "Mr. Adams," the girl began, trying to be formal, "I

am glad..." Then she seemed to choke, and stood with tears beim-

wardly, held out my hands. She thrust out her own atim white hands, uncertainly, as though eroping I grayped them, drew her to me. She trembled

vielded. Another recent, and she was in my arms. A few minutes later we were sitting together on a divan at the end of the bright little drawing-room.

side, before they ventured to come in and interrupt us Then Levels Variou troved berreif a charming hostens. She went to a panel on the wall, pressed the buttoes that brought a great tray of delicious refreebments up the service tube. I confere, however, that I have little idea of what those debtacles were; I do

not remember whether I did full juntice to them or not. Presently we left, but not until she had promised to so with me to one of the pleasure-palaces We had, as I remember it, a gorgoous time that evening. The details, perhaps, are a little vague in my mind. I have no definite memory of just what we did.

There was a theater, with a silly play, no doubt, and a surper afterward, and probably we went the round of thing was Legods. I was intextested with her charm. her hearty, her vivacious wit. How I treasure the persony of those hat moments in the filer, as it brought

I hade her good-night at the lift, but not until she the bright, fragrent beach-gardens, I planted to make the most of the eight days until Paul Donne was to come back for us.

That night, when I had flown back to Bake's apartments, where Gardiner and I were staying, I found waiting for me a sealed note, addressed in Gardiner's flowing band. I opened it to find a brief message in his shorthand, fine and clear as if printed

"Dear John," it read, "I am flying to Chicago tonight, with a friend. Will return in time. Enjoy yourself let worry interfere with following his last injunction.

CHAPTER XIV

The Secret of the Cylinder THE days that followed slipped by in a part of

golden mist. Leroda and I were together must of the time. Walking together, we explored all the green fairyland about the great building, discovshrobberr where we felt delightfully alone. We lunched and dined together, and danced afterward; from a pelvate box we witnessed the changing wonders of the

earth, on the "storeo" picture screen-when our eyes were not upon each other. And one day we hired a little flying boat-a tiny machine of hright aluminum, with wings painted red; it was driven by atomstor. We had a crusso of delightrial advantura down the Atlantic seakcord; and agent the night on a great flusting pleasure island, in the warm witers of the Guit Stream, of the Florida keyl. Perhaps the recrusions there were artificial and machazida, but we had a most delightful time. The

migric our association where we want was a system of a first a day there we returned to New Yeek. The glooming little meables, with six-folls folded and six-mours giving whiching proof-flow, was cetting through and health me in the Bittle end-seed cooking, the ships warm holy in brilling center with mine, meaning the controls of the Bittle machine with unconscision skill. In the control of the Bittle machine with unconscision skill, me the control of the Bittle machine with unconscision skill. In the control of the Bittle machine with unconscision skill. In the control of the Bittle machine with unconscision skill. In the control of the Bittle machine with unconscision skill. In the control of the Bittle machine with unconscision skill. In the control of the skill was a second of the skill with the control of the skill was a second of the skill with the skill was a skill was a skill with the skill was a skil

Suddenly the cut off the model, we stropped in a term are toward in allo, non-tripled attaints. Destroy, are. She watched the instruments aterity, resembly artched on the landing helicropters. The little vessel attack the warm, glassy surface lightly as a hird, found bowardly rising and falling a little on the swell, which was also also the same and the same and the water stretched about us, giftering in the sweller of water stretched about us, giftering in the sweller same linken only by a thir green line of land in the west.

with a gray insudge of cloud above it, that was flametipped by the sen.

I turned expectantly to Leroda, to find her blue ayes serious and thoughtful.

serious and throughtful.
"John," she began slowly, "I have something to tell
you."
"Let me kins you first," I demanded cheerfully.

She submitted groscilly, but without the base of nor mahor manner.

"I have a secret, John. It cost may father's life, and then my meltiner. It has made me a hunted woman. It is father's invention—a new source of atomic power. It is weeth sillings to the earth, for it would make over all industry. I have tried to sell it for a more million until. It is worth a million times that; buy after the terrible

war when father was killed, men have been afraid to hey it. They are afraid of Metals Corporation." "Then you have Dr. Varden's formulas and plann!" "Exceedy. The invention that Gardiner was trying to huy—when you came to me. Of course I can't carry mak a thing with no. The optor of Metals have been on my trait for years—they would market me cheerfully

"Father gave his papers to mother when he went away to brild the ships for Tranco. I was a baby, then. Father knew that he was deling a dangerous thing; he had warned my mother. She slipped away, when when—it happened. She hid the records.

"Spice hunded us. Morals knew that if they could net the secret it would make than the most powerful corroration in the world. We were poor. We had to go from city to city, with the applica always after asments, to werk for our food. When I was old enough to understand, mother told me all shoot it, told no where the pinns were hidden. And alse and it would stool, and was a wow. She part me roomer requisity—

the must have cloved for it.

"I was twelve years all when they caught har. She
managed to read me a farewell mestage, and her servings. She told me to go to a school on the mosn...it
would be safer there. I don't know what they did to
her; she didd in prion.

"And on the moon, at Theephilus..." she smiled

"And because you followed me heres, I imagined that you were a say. I could not treat tay heart. That is why I left. And then, a few days ago, you came with Gardiner, and I leave—I have a second the psychological morest, and I took her in my a arms. It was somewhat later when she spoke again. "But the agent. I must tell you where to find

"I found you," I supplied.

"But the secret. I must but you when father's records."
"But the moon cannot pay..."
"Fin siving them...to you John."

Tim giving technology by, wear.
"Old! But you mustaffer.
"Old! But you mustaffer.
This been a caree to my family, anyhow; and it
probably would zever do me say good. My mother
sealed the papers up in an alumniaum container, and
flow with them to the saland of Tobayo in the Weet

sealed the papers up in an abuniasum container, and fiver with them to the saland of Tobago in the Wood Indies, just off the South American coast. It is years tince the told me where they were hidden, but I can still hear her words: "There is a rock with a primacle like the escept of a church, with a kin road besides beyond it. They lie

in the sea, off the end of the northeast promonlery. The cylinder is between them, lying on a rock bottom, about a fithem deep at low tide.

"That's all I remember, but you should be able to find it. Now repeat what I naid."

I did "I'm sure we can find the spot. Donne will have churts, And if we win, you will be paid— She stopped me with a bits switch that set the bellcopters againing. The lith mashine rose off the plazid see, and a few minutes later we were akimming northward again, high in a worm bits sky. We talked do

roany things, but not of what we were thinking of most of all—that in a few days I must go best to the moon.

I HAT ingut, when I arrived at Bakr's apastment, I found Gardiner returned from his Chicago trip. Though it was not early, be had a light going in his roans, said was heat over a table contract with loose.

the sheets of paper.

He stood up as I extered, greeted me with a smile.

"And who was the friend you went to see !" I present to unity inquired.

"He is Lafelette. Head of the Chicago branch of

Transport

Transport

"I remember. We mot him the other day."

"He has been a friend of mine for years. We had a
delightful visit. And his heart is with me."

"Will be be able to help the most?"

"He would like to. He's rich enough. And for that
"He would night of heart prints. But there
matter, Louis night of heart prints. But there
have been a few more able—"
He did not finish, but stood in the light, starring
He did not finish, but stood in the light, starring

"And it is tomerow might that Donne is contag," I sale, softenly appalled at the nearmons of the time. "It is, And we're looky if we got away without a scrap. The whole would knows we're here, by this time, of course. And Mattah has spice on us, is spite of Trance's protection."
"Then we're watched?"

Trance's protection."
"Then we're watched?"
"There were two men in this reom when I came in going through my ingrear." he said grindy. "They got out through the windre. Nothing for them to find.

"Have you notified the officers?"

"Have you notified the officers?"

"I thought it better not to. We are already under
the protection of Trance. To raise a disturbance might
protectiate trouble. We must go temerrow night."

Presently I said him about Lernda's wift of her father's great discovery. He seemed pleased, but much lass surprised than I had expected. He seem fell to work again; be was still at it, late in the night, when I went time. We tried feverishly to amuse ourselves, to forget. But the hour of parting stared us in the face like

rocket rare failed alike to take our minds from the

At dusk we neevopoly ate a little lunch, and then walled in the mountit gardens-looking up at the for a time we sat on a mosay stone bench, trying to enjoy the cool saity breeze from the sea, and the cilver radiance that fell upon us in a mellow fixed. But I found it impossible to be still; something made me went

to tramp up and down. Lareda seemed to share my restleament, and we roomed about hand in hand, cilent

I was to meet Gardiner on the beath, at midnight, just after the half-moon had ret. We would wait in The time for parting came. A slight chill had fallen upon the garden, and the crisp air was lightly scented with the flowers of earth. A thousand stars twinkled

feebly above, and the half-moon was just above the western horizon, red and wavering in the heavy air. Lerods was a slim white figure in the night. "Good-by, John," she said. "I hope-I hope you

can come back." "I will-" I become but a opport tention came in my threat, so that I could not go on.

I put an arm about her white shoulders, drew her to me. Her even were shining in the darkness, and warm lips came up and found mine. A fragrant wisp of bair drifted against my check. Then she was suddealy sobbing and clinging to me. The tremors of

her slight body gave me queerly mingled pleasure and Then she thrust herself flerosly away, stiffing her asks. She put a little object in my hand-a skender

narkage wrapped in scented paper. "It is time," she whispered. "Go," A recovery I stood there, absently holding the little package in my hard, and staring at her slender form in the darkness. I felt a danperous desire to stay, to forget the war on the moon. If I did not go down

With an odd choking sound, she suddenly turned, and vanished in a dark come of shrubbery. A few mitrates later I found Gardiner, briefease in hand, waiting on the laws by the orange trees.

CHAPTER XV

The Aluminum Tube CWIPTLY we walked down the hard white sand of

5 the beach. A feg was rolling up from the sea, and it shroused all the dark world about us. But still we could hear the sound of the ocean, a rectiess, living mosn, that seemed very strange to me. And it was strange, too, to be walking in a curtoin of fog. feeling its cold breath against my face, to look back and see

ing we had left rising like a tower of fire, soft and misty and incredibly beautiful in the mantle of the At last we reached the edge of the languing waven. and stood still in the night. Unconsciously, I trembled and drew my robe close about me, for my imagination increased the bracing chill of the keen moist wind to "Do you think Donne will come?" I arised Gardiner "Do yed think Donne will come?" I access Gardiner through feeth involuntarily chattering. "It is so far.

Something must have happened. If he tried to land the ship to hide it, it may have been wrecked. Or "If any man is worthy of our staking our lives upon him, that man is Paul Donne," Gardiner replied hope-

For a long time, it seemed to me, we stood there, staring into the black masses of flowing cloud that

Gardiner looked at the pleaming dial of his watch,

"He is not to come until two. It lacks half an hour of the time.

I dress my cloak closer shout my shoulders and waited. thinking of the wondrous girl I had just left, wondering if I should owr see her again. The thought that I probably abould not was terrible. Fisrcely, I clutched

at the timy object she had given me. Suddenly a bright flath of white light lit the beach shout us. Eluminating the fog all about until it looked like drooping curtains of yellow silk. Even as the searchlight hurst upon us, I felt a powerful arm behind me, that flung me face down on the sand,

A moment I lay there, mouth fung full of sand and the herath quite kneeked out of me. I heard the curious hiss of an object under a D-ray; and the air about, when I tericed my head up, was faintly luminous from the radioactive gases evolved by the atomic rays. Suddeply then darkness was cut through by the parrow. piereinz green beam of a disintegrator ray. Abruptly, a little up the beach, there was a metallic

clutter, as if some light object had fallen on the sand. then a great, gasping sob and a choking cry; "My God-stop! You're killing-I saw a vivid, crimson spurt of flame from an oldfachloned automatic, heard the sharp crack of it, and the horn of its bullet close by us; then rurning footstand that ended with the thudding fall of a human body

woon the rand. Alarmed and astropaded. I was furthling for my pocket D-ray when Gardiner's low calm voice spoke close benide me: "It's all right, John. The men that were in my room,

to the beach, the Engle would depart without me. But I suppose. I can hear better then they thought, after all my years in the thin air of the moon. I was ready. There was nothing else to do."

"Then yen-"I killed them. I had to."

We walked a half-dozen wards up the sand, found two human bodies lying there, dark splotches in the night, Meeding and fearfully mutilated by the action of the rays, smelling pungently of burned hair and firsh. I turned away in horror.

"Too had," Gardiner muttered, "But I had to do it." We walked back to the edge of the water. "Someone will be seeking them seen," Gardiner said

Hours went by, it neemed; but when I looked again, only four and a half minutes had passed. I felt invisible men slipping up about us; I stepped nearer Gardiner crowled toward the water. Looking back up toward the loop, slender nillars of Eight in the mist. I funcied that

I saw other lights flickering, nearer, just above the It may have been all imagination, but I felt that our enemics were closing in.

Then, out in the dark mists of the sea, I saw a faint swirt of phosphoreszent mist-vapor that glowed faintly and invaluable purple. A play of color absect invisible -the radiosctive light of the atemic blast.

"Donne," I resolved in a whisper. It was but a recovery later, at seemed, when I heard the sharp grating of a boot on the sand, heard a cautious hall, a few yards to our right.

Half a description over the sand brought us to the little metal boat. We aprang aboard, and I cried to the. "Quick! I think they're coming on the beach." Gardiner chuckled, but he did nothing to matrain the

a moment until its silver side, shortly in the forgy night and glasming slightly in the reflected fire of the lights on shore, was visible above us. It floated on the

WE reached a rope ladder, grasped it, and swang beat had been fastened to the ledder, for in a moment that was drawn up, with the little metal craft hanging to the end.

water like a silver bubble.

We harried up into the bridge-room in the top of the ship. By the time we reached it, the vessel had already risen, and was flying eastward in the black for, just above the wayer. Donne and Bris ruthed to shale our hands when we entered the room. They, so we learned, had landed the ship in the snow-fields of northern Greenland, and covered it with ice for con-

As soon as I could, I slipped off to the little stateroom that I had occupied in the great centrifugal wheel Eagerly, I countd the little package that Lereda had given me. There was a tiny black bax with a thin strip

"Play this when you wish to think of me. L." I orward the little box, from which rose a faint whill of Lerode's fewerite perfeme, familie. Within was a tiny speel of thin steel wire for a magnetic phonograph. Quickly I adjusted the magnetized coil in the little instrument on the table, and turned it on. Leroda's voice rounded out in the little room, sweet and clear, "John, before you is a long and dangerous way. I

would not have you shirk the thousand dangers of it. part because of me. But I hope you think of me, when you are out in the landiness of more amid the north of meteorites and of enemy ships, and when you are fighting on the cruel descrit of the moon. If it must be-

There was a little pause, and an odd tremer of the silver voice. The tones were law; they were husky and others with feeling. Suddenly the room grew dim, as

my eyes belimmed with tears. "I shall always think of you John. I shall hopewill be waiting. I must keep hiding. But my rafforecorder will be tuned always on 5.678 meters. If you ever come, call that and tell me where I can come to you. "You know that I love you-forever. Lerods," When I heard Gardiner coming in, fifteen minutes later. I was still sitting, staring at the little phono-

appear reading, to conceal my tears. He told me that Donne had sirendy located Tobaco When the sun came up we were a thousand miles

from New York City, in the direction of the ancient Spanish Main, flying low upon the sea, as Donne thought that eafer than venturing up into speec. Four hours later we sighted the island, a dull green blur upon the sea. We neared it swiftly, and Deane, with his unsuring hand on the controls, brought our vessel down lightly as a feather in the clear blue water, northeast of the island. Only a few bundred feet away white foam was

breaking over the rocks Lerods had described, one with a steeple like an ancient church, the other like a great The little metal boat that had landed us at New York

was launched again, and four of us put off for the narsupposed to lie. Gardiner, Bris and I went, and a young the place, and Bris, at the cars, held the best in position, while the rest of us seamed the hard coral bottom A half hour want by and I heren to think we were

going to fail. Then Gardiner caught sight of an object that he said must be what we sought. Certainly it was rather cylindrical in form, but half burned in the gravel and covered with a gray encrustation; I had The mechanic sprang out, into water shoulder deep,

and bent to raise the object. For a long minute he struggled, with his head under water, but he falled to "My God?" Bris suddenly cried in a voice that verged on panic. He dropped the oars and the current carried the beat away a little while he stared into the sky,

specks-tiny silver bubbles glancing in the sunshine Ships of space-a scare of miles high, perhaps, but "The spies on the beach?" Gardiner cried. "Metals

knew we were here; they must have sent the ships after un!" In a moment Bris had collected himself. With a the diver had raised his wet and dripping head, alinging the water out of his even and gazing in bewilder-

WITHOUT stopping to think, I leapt over the runwale into the chill water. Gardiner speles a quick word to the other man as I drew a deep breath and plunged beneath the surface. Together we best, and the object in the sand stirred under our united efforts. We raised it, drooped it over the side of the heat and

clambered in, marly swamping the little vessel in our Bris bent his back to the cars, the driveing mechanic seized a second poir, and we darted toward the wast silver shell of the ship, which floated lightly on the

Wet and chilled as I was and alarmed at the bright shins rushing down upon us. I watched Franklin in his corer exemination of the thing we had retrieved from

the sand. It was an irregular, grayish cylinder, perhave a foot in diameter and three in length. He have mered at it with a pocket D-ray tube, broke away the grey mineral crust. The white gleam of metal was In a moment we were below the open air-lock of the

ship. The mechanic seized the ladder and steedled the cager hands above. Then, desperately, we arrembled un the ladder carselves. We did not wait to save the beat; the flier plunged upward when the last of us wan prove the ladder and was a hundred yards above the

water when I scrambled through the opening Bris scrambled like a municy up the ladder to the upon which we stood, were gathered about their glisten-

Gardiner and I rolled the metal cylinder over on the

floor and revenutly got the operustation of rust and after the neuroling a stained and nitted cylinder of

lone. There was no visible functure in its surface, no Finding that we could not open it, we clambered up the central ladder, sending the tube up by the little electric elecutor used for hoisting supplies. I was captr

to know with was happening outside; but Gardiner's chief interest seemed still in the cylinder, in spite of When we reached the bridge, both Doans and Bris

were bust over the great round table in the center of the room, working with lover and dial. Looking out through the tiny thick windows of the room, I saw the gleaming spherical shell of a war flier now two miles escape. And the blazing scarlet and dazzling green and Our own ship was plunging at it head on. Every

tube on the upper ray-deck was trained upon it. Sudring of tubes all about the bridge went into action. For a little time they played part the years above or fell they all seemed to focus mon it at once. Its silver shell





been nyured.
Two other ships remained.
Two other ships remained.
We shot on into the sky. Already its liquid bine had darkened to Mackens and a libouance stars were starting out. The two remainings ships hung above us, wating and ominous. Deane used his space-acreen hembs again, advolvity placing the wast agreeding clouds of

vapor to cover cur flight and mitted the energy at to our position.

I had no eccoeption of the shift of his tactics at the mercant. I mailted what he had done only when we the consty veccels, each half concealed in ragard clouds of mighatures hist, pulying that myss upon each other! Deten had gone between them, but no pisced hist recens that cosh terrestrial commonder such his fallow

falling.
Swiftly we sped on moonward.

Our on ship was practically unharmed. A say from the first ship to be decountered and coursed off a few squares nesters of our redesting shed and one of the or passes nesters of our redesting shed and one of the off in the same of the same of the same of the same of its crew of these. But our speed was not retarded, and in a few hours the damage had been repaired and Then Gardiner and I set shout the comination of the model willoute, which had no nearly cost us all our lives, and which, we hoped, held a secret that would assure to open it, I earlied it into the modeline shop. Particles, I have been a support to the same of the same large in a wine. I attacked it with a shocker, entire of

fall off, ravealing the end of a great red of papers. CHAPTER XVI

The Bottle of Smith's Center

T was a pricincy covered, include the ve too's
from that aliminamy colloide. Written in the moidear "ministration" indexchase and comparity
ear man of the control of the control of the control
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rediscovery of the atomic blast.
Vardon, if appeared from a study of his records, had bean a gendus whom the world bad failed to recognize, until Transch bad engunged with him on that discovers conture that had cost his life. His ideas and theories were engreeoung to us; much of his work has subse-

quantly kenn published.
It was on the third day of our study, I think, that we come across the factored sheat upon which were stated that the contract of the

I am a fair draftwam and, working with Gardiner's add, I deveded the hart week of our cytoge to deswise and in draft and the tweek of our cytoge to deswise complete plans for a var-dise to utilize Various's discovery of the gold stance high appropriate. It was a rather converge of the gold stance had been considered to the control of the control of

According to our calculations, it eccens that the available power should be at least thirty-free per cent greater then that of the Ordel generatore using the platinum group, and this, we felt, would give our new ships a west sivication of the commission of the com

After some discussion, we settled upon spherical sides of the came percend design used since the old sides of the came percend design used since the old maximum of strength and of cubic consent, with the minimum of weight and of cubic consent, with the minimum of weight and of cubic consent, with the first operation of the consent of the consent of the theorem of the consent of the consent of the consent of the vessels recently furth on earth are upfolds—shaped or cylindrical with tapering each. Such a declaradate the residuance of the heavy air of earth; but if an the resolve likely strongers are in the vacuum of passe.

sites ships, which we had driven from New Booten, had been of this epiliadrical type,).

I tool hoped that we should be shis to land near Thesphilia, as I was learly anxiess to see Cather and mother spain before the duries of my position called me to the hattlefold. But Gordiner informed me that we were to lead at the spot where we had left the mon

we went to list did it he got where we had left the mon—in the wild emitte far west of the city.

He wished to get in touch with Warrington as accor
as possible, to consider the matter of hullings a fact
for the mone. Some secret spot must be found, where
thousands of men could be get begether and supplied
with food and materials for more months. It was a

titants undertaking.

The great silver shell landed with hardly a shiver
in the dente thickets of yellow, thomy screb, beneath
the towering cratice-dan. A few teconic later the nonlast it covered with the pathod torquides that onlast it covered with the pathod torquides that ontended, ready at rope and poles, to loist the great
tunined, ready at rope and poles, to loist the great
tunined, ready at rope and poles, to loist the great
tunined and, in fact, almost a rollings in the greater. A
There was, in fact, almost a rollings in the greater.

builded men stayed there, living in extensive comparitensit they had cat with D-rays in the crater walls. They had living apartments, store-rooms, and machinradeps; they cultilivated irregular ranse sectored over the crater-floor, to provide fresh vitamine foods for themselves and the crew of the higher. And this was only one of a source of the hidden stations of the mouse and the crew of the hidden stations of the mouse the comparison of the comparison of the comparison of the source with Lineax 8 few burn walking about, holding a constitue

and wy Unrough the spily revuls. Exercise was reviewed for affective, and the size of the

by me to it; this stern works was part of me.

Presently I am lengting red dois for away, on the
choulder of a blook mountain ridge. I focused my
poster tokecope upon them, and they received them
solves into a little error of Solenites. At they draw

user. I distinguished the reduchtship Jenkins, the scoutwho had brought Gardiner and me to the ship. He was bearing in the lead, open the vast crimson thing be colled M'Ob. Half a down other mosp-calves were with tribe called the Ossinas, which can be trained to carry D-ray apparatus and to fight with human cleverness. The short, red-faced fellow had his mount act him down outside the tunnel entrance, and his monstrous creatures fed themselves upon an outcrop of schist, with a few cubes of sugar that he gave them by way of re-

ward. He harried importantly down the passage, and with him sheard the Earle. A sount, thick man he was, with more large and red. Face and heads were hurned brickered by the mercilain longer area. He mare an unformer rad based and when be removed his greasy tops in the ship, I saw that his removed his goggles in the bridge-room, to see that

his eyes were blue and were nals. They looked out of place in a man of such flery red-for Jenkins even sported a tattered closk of brilliant crimon velvet. in the shade. His voice was rusty and thick, for in his lonely life with men. He strode pumpously ahead of me into the control-room, with the bright red cloak thrown over bis

dingy garments, the worn fringe of it dangling sessinst rusty bare shins. OANE greeted him cordially coough; with a wink at the rest of us, he ordered the stoward to fetch sighen, bottle and glasses. Bris, the steward, served the four of us, and then himself. While the rest of us ware harely sipping our drinks, Jenkins drained bis

glass at a suin, and proceeded to turn the bettle up to his lips and take the fiery contents straight. "A fellow den't get much like that in my trade," he grunted. "This rotten stuff they make in the orators..." Abruptly he straightened, saluted, and fumbled inside has red cloak. Precently be drew a grimy leather belt from beneath his tattered tunic. From that he took a

scaled envelore, which he handed to Donne with the "A dispatch from Warrington, sir !" Donne ripped the envelope open, and lost himself in the nest shorthand of Warrington. Jenkins attempted

to read over his shoulder, but to judge from the disgusted grimsee of the old acout, he did not understand Watching the face of the young space-ceptain, I sow keen interest grow to serious cenerrs. He read the

message twice through, and looked up seberly at us "The situation is setting serious," he said, "On the meroing of the mounday after we sailed. Warrington left Theophilus to murch to the ralief of New Boston. He was to be followed by supply trains, and by a caravan-load of food and arms which the Assembly was

to gather in Colon." He began reading little expecuts from the dispatch: "The blockade about Theophilus could do little to binder our departure, as our D-rays owered the line of merch; but the supplies which were to fellow were mostly destroyed as they left the city, by the fleet which were well armed, and are believed to have been offeered by Tellurians. The supplies were leet, and most of the

"Since these mirror disasters, though the Assembly is still in session, nothing has been done to forward surelies. The Assembly lacks real authority: it only commands when men wish to obey. And it seems as if a sort of anothy has fallen on the moon. There are man, and food, and arms, in plenty. Armed forces could get them to us in safety. But it seems that hope is dving. In the last month I have been forced to rely upon private subscriptions raised by that noble spirit, John Adams, instead of the former levies of the Assersbly. Unless we win a victory, and that soon, the war is over.

I flushed with pride at such a mention of my father. Donne read on: "I have been forced by lack of sup-plies to give up the advance on New Beston. We have arent two lunar nights samued in the mountains about in mine-shafts and resseres cut with the D-rays. We lack sufficient facel as well as munitions and equipment There are not even enough atomse heaters and liquid air cylinders to make our improvised barracks habitable. -men have left in whole communica, after each terrible night, to try to find a way back to the city or to one of the smaller mining communities, some even going

"Those still able to snawer the roll-call are starved. rapped, secrety confrond. Humbelt's arrey used too hold together an hour under such conditions: I must renies the levelty and devotion of these poor fellows. "The matter is coming to a climax soon. Humbelt han left New Boston, and is marching upon us. He is times as many as I can muster. They are mostly negro infantry, who have proved that they can stand the "I am preparing to retreat, for we cannot hope to

of Humbolt. I can hardly blame them.

hold this position against such an overwhelming force Gardiner, and Adams, the engineer, will return with Jenkins and most me in the vicinity of Smith's cruter Donne will take to space, collect the other ships, and try to keep our movements from being watched by In his own words, Doane added: "I imagine his plan is merely to evade Humbelt for a few days. It will be impossible, of course, for the Tellurisus to spend the night away from New Boston, and if the battle

is delived a week or so, the terrestrial everyal will be forced to retreat to the city for protection against the night. But our general may have semething more in mind; this is the way he closes the disputch "We must take a decisive step, or soon we can take none at all. We have discouragement to fight a dead-

lier enemy than Humbolt's Darays, Warrington," An hour later, Gardiner and I had set out with Jenkins for Smith's crater. Jonkins rode in front. upon his great, green-eyed, scarkt beast. M'Ob. tremendous leagus of the wast, long-longed creatures were well times, so that the half dozen of them rose and fell as one, sweeping through the air only a few yards spart on the leaps of a hundred yards or so.

So close together we sped that Jenkins, mellowed perhaps, by the long pull at Donne's bottle, grew very talkative. He had to shoot in a shoffl tone, and even then balf of his words were swept away in the wind of our swift flights, or lost in the rattle of stones and men with the party killed and eaten, though some few the crashing in the brittle vellow scrub as the monHe began with remerciable accounts of the affairs with sensor in the cities. But seen the was busiled with sensor in the cities. But seen the was busiled for the contract of the contract adventures with the Kel-araba and other tribes of with mono-claves. He went even as far as to began a story of how he had been outsured, some years before, by the MFDowley, that half ourthald band of monostars, and carried printers to the take tide of the mean, to a few crafter valley of warm and outside clausis and

and carried presents to the data time of the most as a four crafter valley of warm and equation climate and marvalous vagatation, where there was a title of motive having a civilization far above that of the Too Kapl empire in the great crafter Tythe, crushed by the first expeditions from each.

But while the old sout was in the very middle of his extravagant description of this marvalous phace, with

activation to consider the first three considered in the considered to consider the considered three considered to the considered three consid

more manufactured as to a pullib-space palace of purple crystal-distal—"
With a final bloop, he dropped his bead forward on his broat, and presently went to aboy. The intalligant crustures that carried us hapt on as he sleet, beddent to his fast uncertain gettred criters. Hence the deficient of the first throughing degree of the control of the contr

would reveal no more of his adventures back of the moon. I wan have really certain whether it was all a flight of imagination, which his beginned in the winther it had been half true, and he did not wish to chare his occret. We had warmen bottles of het coffee, and know of

I was thirty-six hours after leaving the ship when the arrived at Warrington's camp. We found it by the rough grim walls of Smith's Crate.—a ring of impassable black granits walls, twenty miles across, entirelding a terrid, and waste. Warrington had gletched his camp outside those theor, unolimbatic walls, helpid a little rodes that offered some overstein arrival.

Humbolt, with his 69,600 negro infantry, was also camped along the crater wall, faur or five miles hehigh Warrington. He had outsitistanced one general in the last march, and caught up. He evidently intended to rest his troops, advance again, and some an easy victory.

casy victory.

The nentries evidently were expecting un; we passed
the lines unchellenged, and soon were at Warrington's
little text. He was away, however, visiting the little
spend of men who were cutting treaches on the hill
helphid us, a white cloud of dust rising from their

D-rays to mare their location, We dissociated and waited under the fly of the little white tent, out of the driving heat of the sun. In a few minutes Warrington was back, heavy-syed, with the face beneath bis white topi drawn with failure and worry. He took reast time to greet up, or to learn of the results of our expedition. Even up he listened to Cardiner's report on the new pold atomic blast,

sides. Evidently according was afoct.

In a few minutes we left the tenf. I sow that the
cathupted and half-side man were being round from
the crude shalters ware they had sought relief from
the crude on while topy also their southy rations and
tried to along in the furnace-like afr.
With a good deal of weathernest, I saw that camp

for a narch, while the work of fortification was going on bothly belief them. Some the while away, energy for a law score of men as work on the bill, was manying off down the arrathy wall, away from the enterpolar and the same and and projection digital, with disaster and as-inhibition at the hands of the pornsing Humboth as the insvisible outcome.

The new were handly able to march. Half of them had without rust beard around their bands, in place of the projection of the same of the projection of the projectio

was being broken, that the men were making ready

of the pith belinets that were needed to peotest them from the scorching, historing redistion of the sun. Uniforms were intered and patched, with red-surcooked hodies beneath them. And from sickness and hunger, men staggored as they valled, three away libralized, condeau, trinkets—everything but arms and pitful heards of frod.

How wenderful the courage, the devesion to their community, that he is that on under such conditions?

On such as the control of the conditions?

At last we have constructed that has two were left way around, and still Warrington kept by the wall, we depred for a heigh rest; the stumbling men threw themselves down in arrays of shadow effered by budders and patches of drain selds werels, to construe their

last treasured bits of food.

After an hour or so, we went on around the crater.

After an hour or so, we went on around the crater.

At last I understood. It was late in Documber; no doubt Humbloth's negro achiery, certain of an easy victory over Warrington's negged troops, were including in a Christmas colchration. Warrington recast to come upon, them by surprise and in the rear—by a

ing in a Christmas colebration. Warrington meant to come upon them by surprise and in the rear—by a march all the way around the crater!

And that is exactly what he fid do. His maneuver was as imple as it was during and brilliant. Doublines the Tellurian commander had granded this other fank; but he could not have a reacted the way surprise travers.

of the moson to encircle the crater and take him from healtoft.

Our desperate, half-starved troops, exhausted as they were by that sixty-ratio merch about the crate's rim, took the terrestrials completely by surgetse. They fought with descension, issues energy. There was no rate were descension, issues energy. There was no rate were along in the shade. The saftry has deticulated to the shade. The saftry has deticulated to the shade. The saftry has de-

Christman season with the flery spirits distilled in the crabers, had been too much for them. Our men dished forward in thin, regged lines; but they were determined, desperate, intent on victory; they knew that their sole chance of life depended on winning. Humbett and his effects tried to rouse the negrous said to rally them; for a few minutes the

resistance was smirited.

But they failed to withstand the impetuosity of our curnul. Their ranks collapsed and the blacks field screening, almost in supernatural faur. They distrusted the well lift of the monon-regarding the wild mean-salvar with supersitions hereor. Humbalt sand his officers conspot; indeed, they get

and worry. He took recat time to greet us, or to hears of the results of our expeditions. Even no he listended to Gardiner's resport on the new gold adomic hinds, he frequently truned away to six see ceders to humper and he frequently truned away to six see ceders to humper and the results of the victory were face-recolling. The results of the victory were face-recolling.

corts, including three headers field D-vay tubes, and twenty-seven thousand hand rays.

When our men elept again, it was with full storasche and in new uniforms, cheltered from the sun by exptured tents. By the time the sen set, a few days of hard marching had brought us hock to Theophilms.

with all that was amount of new equipment, and rapthese that outnumbered over troops two to one. I was with father end mother again. It was a gain day when I came howe. We had a gledenar Carrietanso that the second of the second of the second of the time afterward in the gay little drawing-room. It did about my trip to curb. Panally, I to M them of Lerois, and as a stimus, played the magnetic resord of Lerois, and as a stimus, played the magnetic resord though I believe mother crited a little afterward.

of her wice. My parents were properly delightedthough I believe mother cerio a little afterward. The victory at Smith's Grater sent a wave of new scarage ever the most. In every city and in every emmentity, men freshly plaged themselves to the causes meany, food, and recruits began to five toward the comp of Warrington again, while the Assembly had revealed the sections of the five

cause; meacy, food, and recruits began to flow toward the camp of Warrington goals, while the Assembly had regained its position of authority.

In the enthusans of the bear, even the people of New Boston rose against the coldiers Humbelt had left in the city, and expelled them before the defeated general had found bit way back: though of course that

fleet remained in possession of the space-pert and the buildings about it.

I had at once reasoned my old position as Warrington's anginoer-sinché. Some two days after the setting of the sun, he called ms from my work (I had been designing cradies and equipment that would

"John," he said, "I want you to program to have with me in twetter bours. We are going custide the city, Jenkins will carry us on his most-calves. Space suits have been provided. "Very good, ex. And where...." I stopped short, abacked, realiting I had no right to eak the question.

absolved, realizing I had no right to sak the question.

He smiled, chapped my warmly on the choulder.

"Tand's all right, Jedn. It is to be a secret cenference," he said. "A meeting of man from all puris of the moon."

CHAPTER XVII

The Conference at Kurrulwagguk

ATHER and multer were still in thospidus; they
had been there since the treatle that had areagile
that had record and the since the since that had been left in the
the settlement was so inherted that it would been
the settlement was so inherted that it would been
been difficult indeed to transport its production of
commerce with the early, the only demand for metals
cans from the quidenting industries of the smooth

And father was preentest in the Assembly; he would not have been willing to leave the center of setting even if the mine had been in operation. After my meeting with Warrington, I went home, to find that father, too, was preparing to attend the accret combaw. He retired early, to rest for the leng

Paracisous Eving-room of their apariments in the great assults wing of the rooted city.

She had me play again the sound record Lerods had given me. My eyes filled with tears as I listened to the vilgrant allers tones of the girl who was now a

custre of a million miles every. Mother sumbel mirity. Fibe has the grandest voice, who caid.
She had a little "starse" movie camera, with sound receever, that had been a children jet to her from any grandfather. Now we darkneed the little recent and I huse ay the serveen while the found the came of limits yet her were distributed from the comparison of the stand-directory for heat of the stand-directory for heat of the stand-directory are well as the size of the stand-directory are standard among form under a little in leve toose, as we weather a some form under a little in leve toose, as we weather a some form under a little in leve toose, as we weather a some form of the standard control from the standard co

father first came into the serious, as a new shorter has a boar at a party. That there was the wording, and as the corole story of a trip around the search. And presently I any own the present of any own and the present of the pres

childhood and youth. I cried cut in pleasure when

the mon, and brought wirtily back to see the delights of my romants to hophed shout Firerests.

When we had econe to the end of the most them. We have the cone to the end of the most them because all the most them because the most them as matter and last left it—we dul not turn on the Baths, but and it left [1—we dul not un on the Baths, but and it left [1—we dul not not not be always been all the way the should into a curried my when the most left way the should be always been turned off for eight atomic lifeths have always been turned off for eight and the left way always been turned off for eight and the left way always been turned off for eight and the left way always been turned off for eight and the left way always been turned off for eight and the left way always been turned off for eight and the left way always been turned off for eight and the left in the left way and the left way always been the turned off for eight and the left in the left in the left way and the left in the left in

hours of every tweety-four, for the our-attinuation of constant light is as destructive to terrestrial plants as it is to buman.)

Ruddow! I heard a suppressed seb from mother's chair. With an odd teptoclag in my throat, I ged up and went over to her and hould be table her, with my up and went over the her and hould be table her, with my throught, before, of what it must mean to her for father and me to go away. She teek my bank of

potted it, and clean to it for a little time. Then the apole, in a dry, lastly little velce; — "I understand John. I'm glad you feel it. But I want to do my part. I have faith. And if anything happots—we—"abo faltered a little, finished phobally—

angonts—wer—sto interes a little, minited pingkiny we here such good times to remember."

And auddenly she steed up, as ripercus at a girl, and turned on the light. "New John," the said precticulty, "you must be off to bed. You've a bard trip before you,"

I kinsed bur, and went obediently, leaving her stand-

ing in the recen, leeking after me with a box, I think, in her ove. But I could not slong, for thinking of the griden time of peace. If it had lasted, I might have found Lerods, and brought her back to a happy weeld, to live near father and mother.

More than a dozen men were gathered at the air-leek at the appointed time. Warrington was there,

teck at the appointed time. Warrington was there, Gardiner, and my fisher, with two or three of the other loaders of the Assembly, a few of the engineers who had been werking with Gardiner and me on the problems of the new left, and two or three of Warrington's officers.
A score of selflers were there, in apace-suits, with

sets of armor for us. Soon we were all grobesque creatures in the strange outs of modal, quarts gloss, and impregnated fabric, shoulders bulging with oxygentarits. The thick believes of motal and quarts were corrected deway, and we were in ecomonications with one another only through the short-wave radio sots that each said carried.

da

WHEN all of us were ready—there were thirtyed zinn, counting the guard—the inner doce of the
a lock was oproad, and we find into the great offinite
the textude through the city's wall. It was closed and
soled belinfu us, and Gardiner opened the valve that
the title six about us hiss out into the frigid vacuum of
the width.

and let the air about us his out for the frigid vacuum of the train.

The air in our anist expanded until we were topas, the friend measurements. All the rounds of the city frame of the little route that are faded, and everything I could heav was the quiet burn of the little router that kept the air circulating before tween my double-walled heinert and the cells where



It was practiced and recongruented, and the occasional shoulty wise in the phones. At last the pressure was equalized, the outer door was opnosed, and we walked out take the laster uplet. The sky was a void of intercept histories, opinished with a million codi, many-colored stars, and reduly powdered with the lambiness either out of redula and garbey. In the height-decled advances of its owner the allight with maky opinishe. The relations of the green plant fell in a bod of absolute practi uson the sides.

crust of anny and from air that blacketed the weired rough withorness before us, abinatesing faritatically upon the three sheer peaks beyond the city. In all that word of night, wereything was white, still, lying in death or from along until the sun would kring the gast of life—all some the monon-alwa, the

bring the spark of life—all save natural manters of the planet.

In a few memorals we saw a sectartic breats banders swiftly for

tattle beests leaping swiftly toward us through the earth-light, was saurist bositos -glitter against the still white mountains, huge green eyes gloving with pale phospherececenes. Jenkins was upon their leader, hardly recognisable in his gleaning silver apace-armor. But his receserated familiar enough in the phones when he sreke.

"Good evuning, grinthmens, and the best are wished to ye!"
He finese out badierously thick arms in the pentured command that sent his course of weight best to their known before to. In a few moments we were mounted, two to an asimout. Another, and we were off through two to an asimout. Another, and we were off through a sent the sent of the sent of the sent of the lasts weight and another from conventional to the two peak convented in freene air, keened the white

Hight of the motionies earth.

I suppose that Warrington had already given Jonkius
his orders. I heard him any nothing to the old score
who was leading at unertingly, however, since a path
that carried us into the mountainous region between
the three great cities, Theophius, Colon, and New

Blooten. We traveled some ten or twelve hours, in which thus we must have covered half that many hundred miles. We were almost upon our destination before I persented in the second of the second of the second of a redshift with a second of the second of

The oddly shaped towers and the irregular roof bud been cumningly designed to appear to the easusal eyes as part of the natural peak in the enter of the enter. A hidden city was here, surrounded by towering crater wilk. Invitable, eyes when one looked upon

ing crater wells. Invisible, even when one looked upon it, unless he knew its cold outlines.

Warrington's voice rustifed in the phones. "Gentismen, this is Kurrukwarruk. A hidden city. It was built by a patriet who gree tired of he rule of Montal.

Milit by a patrict who grew tired of the rule of Metalla hung before the war. He located a mining prospect here, and built this secret city. He has already sided the cause, and he given in the free use of his location. We have many secret sillen."

Another half an hour found up disroyunted and in-

Allocker half an hour found un dimmented and inside the all-field of the filth ofty on the mountain, removing our cumbercome armor. It was a good-made community—the roof covered a bundred area and the population was about few discussed, of whom series and the underline of the city, and who now constituted the bundling of the city, and who now constituted to the constitute of the city and who are all of the fortunation of the city and who are all of the city of the city and the constituted fortunation of the city and who are the constituted to the city of the city and the city of Inside the cir-lock we met the builder of Kerraiswarrels. He was of Tectanic cutration jis name was Moyers. A corpoint follow, the bad an absorbly thin, joint point in lessenth this has the best here of earth, and bad inherited a batron for Retain Corponvaluable measured in this castler, and worder the deposits nearest, secundating a fortune and huilding his lidden city, against the day when the moon shades had the control of the

so usil, at Warrington's disposal was planned weak. The section of the control of

of Caphiai Cord.
The first station of the conference was to choose
Karriskwarpik as the parameter capital of the more.
Karriskwarpik as the parameter capital of the more.
The first state of the capital conference of the capital conference of the capital capital

THE meeting went on for several days. Important problems were solved, concerning the military orgamination of the mostris forces, and their support. Facts were made for raising reinforcements and supplices about Galon, as that district bad hardly been

paint about Letters, and the except on harmy deep Apertments had been subject to all of us in the most desirable quarters of the city. I shared a suite of rooms with a young affort, Capitals Receded; a constant of the city of the city of the city of the same in appearance, ruther duthling, and noted for overeal fasts of intensity downers. Early in the war had to be a supplementation of the proceptor at New had to be a supplementation of the city of the had to be a supplementation of the city of the had to be a supplementation of the city of the had been supplementation of the city of the had not considered in the proception again of the city of the city of the property again, or actified with

his preference in the regular array.

I had known him at the University; in fact, I had felt almost his friend, until I had once now him in the company of Leveds. I did not like his manner toward her, and I had dropped him. Now I began to think, however, that I had det palsury closure the character.

of a heave and notic pointer.
Showly the conference got around to the important
thing, to the question that was the real purpose of
the meeting. Early in the curse of the discussions.
Gardiner had addressed the amenday, giving the results of the trip to earth, and telling of his meeting
with Lafellette in Chicago. He had concluded his talk
with what was, for one of the quiet manners, as upwith what was, for one of the quiet manners, as up-

with what was, for one of his quiet manners, an unural bars to foratory.

"Gentlienea, Tranco is the hereditary enemy of Metals Corporation. Every man in it, from President Lewis down to the labovers who tell in the fasteries and shipe, feels the ofreegest antipathy to our eppression. Openly, publicly, Lewis days to do nothing. But this Lafellette is braver than his fellow-directors. He is rich. And he is willing to sake his fortune and has life upon our cause. He is wrilling to sand as money, supplies, and men, if they can be brought to the moon. And while he made his offer as a private man, I know that Lewis is unofficially behind him, with all the wast resources of Transe.

man, I know that Lewis is unofficially behind him, with all the visit resources of Tranco.

"It may seem hopeless, gentlemen, to dream of bringing weapons and most from earth to our aid. But due to the generosity of a friend of young Adams, here, we have a solution to that problem. We have Dr. Varcho's great discovery of tweety years ago-

here, we have a solution to that problem. We have Dr. Vardou's pread discovery of twenty years agothe gold attends blost. That is the invention with which Transo variely tract to threw off the yelds of Metals, falling because her new obligs were discovered before they were fittished.

"Fellow natirots, we have in our hands the means of

bediebte a fixet that can jo to worth the bring headchicates and heavy. We have it house, we we then the state of the state of the state of the result of Methli from pure and make us the equal better than the state of the state of the state of the but not such data. Men had to take time to thick, but not such data. Men had to take time to thick, the state of the or but more, with which we could varyage to early to the state of t

sands of skilled mechanics, to find a secret plate for them to werk, and to growles them with Food, with abelier for the least naghts, and with the vast surplies of raw material that would be moded. Two or three more days went by, partly devoted to consideration of routine business, though the green project was more to the salestine of the protoring the same of the same to the salestine of a secret weighbor for the business of the Lakan

Adams, Sr., my father, rose at once to suggest that the shape be built at Firerrest. He set forth its advantages. The mines would turnish all the metal required for the week. The city would abshar the same. There were farms and synthetic food plants to feed them. The locality was no remete

As he was taking, I remembered the great covers at Piercent-t-toward chasm in which I had best myself as a bey, esagging by the merced condent. I mainted produced to the produced of the produced of the produced to the produced to the constraint of the I could point out a spet where a thressand vecode might be bullt without discovery, owns if searching feets crusted over a busined times. I got a little or all I knew about the covern.

I suggested that it could be lit with atomic lights, that a battery of D-rays would soon clear the jungle off the floor, and that the narrow shaft through which I had entered could be widered and cleared to permit the completed ships to learn. And it was near enough to Firerest so that metal and supplies could be easily brought from three.

With that addition, the program was unsalineously approved, and definite plans were field to easy? It is it was agreed that Gardiner, father and 1 should set out at some for Furerrest, to begin making such purparations to clearing the covern, withouting the entrance, and petting a supply of food and metal as feet as the few suce now at Firerrest could provide plans.

The delegates from other parts of the meen premised on conjuness and meen as seen as they could be gathle-ered. Warrington was returning to his army at Theophilas, and Danne to his suffaryunit fleet. It was yet several days to surrise—there was time in abundance for us to reach our several destination before the centing of the huntrary signalled the resumption of hostilities.

tilities.
It was the sleeping period before we were to start.
As I returned, after the last meeting of the assembly, to the apartment that I shared with Bezedit, the dashing accretary to the Director of Finance, I heard excepting through the closed door that make me horst

There have a sudden fury.

I shall always think of you, John . ."

These does words, in the rich, vibrant voice of Lerods, backy with the depth of her feeling, cance ring sweet and clear from the moon. Sencone was plus-

Leroda, hunky with the depth of her facting, same rings, were and clear from the moon. Semeone was playing the record she had given me!

I found Benedict, my hundrone fellow lodger, bending over the little phenograph—through some accident, I had left it on the austire table.

I had not lit on the reading table.

". If you can once heat, I will be waiting...
The secretary was inicat on that wondrous voice its reading to the property of the unsul rather hauphy dignity, he now jumped my reddening. I jurked the little instrument out of his humbs and stepped it, then reached for his color. I was almost bestde myrelf; it seems a sacrilige that he had beard these transmissions.

"Why, what's the matter, Adams i" he spottered. "I beg your purfon. I dee't see—What the devil—i thought it was a standard record, a song or something." "A standard record with that on the case!" I peluted fleroally to the words. "In Joint Adams. Play this when you wish to think

of me," written on the case in Leroda's neat characters.

Becodit's dusk of confusion characte to a red flood
of angie.

"Address, if you lot word of this out, Fill slaughter
won live a dec?"

he you like a dog "mine a meeting place..." I had begin, an when I recovered myself. "No, as efficers, we cannot do that. But on the day that person is made....."
He turned and streed from the moon.

CHAPTER XVIII In the Firecrest Cavern

FEW hours later we were in our space-suits. Most of the delegates were returning to their cities, though enough remained to constitute a permanent corps for the new executive government Greenville, the Financial Director, was remaining, with Benedict, the strange young man who had become his secretary-I realized, after cooling of my feelings, that the fellow had committed no worse crime than to setchine where he could get his hands on it. Before I left, I apologized for my hasty words; and he, smiling begged my own parden. We parted on good terms. Jonkins, with his Selenstee, was to convey Gardiner, fether, and revself to Firecrest, and would return immediately to take Warrington buck to Theophilus. The General had further business connected with the organization of the permanent government, which pre-vented his leaving Kurrukwarrak for a day yet. The four of us, with a toest to the liberty of the meen still ringing in our cars, stepped into the great cylindrical air-lock, shut the inner door, and orened

the valve. Warrington, Meyera, and Greenville beyond

The last of the air blased out, with a dying mona. Johnian spaced the other does, and once again we were in the fastnatic phostiliness of the freeze linus airbit. The old acoust, again and giftery in his space arraor, signallised to his standard-law. The acarbit, glicitating elophantine memories came beyong toward us on their operators grosshopper lens, strong the glicitarium thin, of recommendation of the control of the

Our guide selected four of the flectest, which, with only a single pescenger, on easily make fifty miles an hour at a time. I least time my addle—for I have shown at a curious horror of the feet of a saxly strength of the control of the control of the tentiale about my waist—leakins and Gardiner and my father allowed the long tentaminer limbs to lift them up, and we were off. Leakins made in associated herror, barrine how well feet

tham up, and we were off.

Jorkins was in excellent humor, having been well fed
and cared for during the week at Kurrukwarruk. He
regaled as with an interminable saries of drell anodeleos
in his rusty voice. His stories related morely to his
childhood. He told us that he had never known his
father, that he had been herearth up its moon by

father, that he had been brought up on the moon by a crabbed, old Irish prospector, Tim O'Bullium. The old scout's voice rang endleash in the phone. In the vacuum's the night, no foreign sounds broke in upon his narrative.

O'Sullivan, it seems, did not claim to be Jenidm's parent, but sold that, while on an expedition in search of a legendary mountain of radium toward the Rook Mountains on the eastern "tim" of the moon, he had come upon a borde of the KarLastah, the most exarge of the wild Sejenites, about a space filer fullen and wretched in the dozer far south of Kenler.

O'Sullivas had mode his way into the akip—it arems that he was to fally good terms even with theore hood-foliarly materials, which was a composite from the remeasus mone-raws, once of them leaders, "this, a little spikes-handed linters" as he that of motoroic olditions and of a perrible strategy to save the ship, that had ended in that erash on the descuried limb of the moor. The surrivers had been there nearly a menth, dying of their injuries, or here there nearly a menth, dying of their injuries, or here had you distribution, and multishirted is to me a difficult of their contractions.

spanish the searches. One of one is not an account.

Then deskins known thing of the broad are not account of the state of the search of the s

story was finished;

Story was finished;

As a state of the state of t

corresponds a network of the lunar city.

Then the wence had suddenly departed, in the company of a "fall man with whileform and a place ope,"
The lously boy, penhapa not much the worse for the less of his garardian, had round the street for months, earning his bread for a time in one of the search dear whare the forbidden drugs from the lunar fewests are whare the forbidden drugs from the lunar fewests are

Then O'Sullivas, returning from one of his mad wanderizars in the wester places of the moon, had research the child, and taken him along on the next trip, which, according to fending story, took them due south, to the left of the Beerfelt, to a point where the motion

published reads, and who marshed a dead stay of while model. After they was not insensible adventures broad models and the state of the

I WAS astenished when I saw the city of my childbod rise before men-a great thick disk of metal and place, half a mile acreas and two busined feet and place, these cannot be run of the two-mile eraler in which the min-sharin are located. A few more rabiling lesses of our red-autored.

harding mounts brought us to the air-lock. There Gardiner, father, and I dissounded. The stocky, allversamored figure of the old count wared us a farewall, and leaped away upon 4th MCO ensure the allumenting its class quires of the larver desert until be vanished in the feeths light, with his "God be with ye" ringing in our entr.

We had rung the bell, and the air-lock was quickly not analysing from the glumaring ghostimes of the lunes of analysing from the glumaring ghostimes of the lunes of descrit in the factorite auth-sine, som under the metric applied of Jenkine' morrative, into the warm risk of the families of the order to many youth segment onserty de-

re illemar ere to my your sension face of the corted. There were thoughtless, buyer children someth, and aexhee women. But not of the memory even where the properties of the control of t

Tom Junion, a phrase, princh little fellow, just havening to talk. It gaves me an old feating to think that it was now an uncle. Gardiner and of their and I soon put a different supert on the quiet town, with Yourk searce all. The towncitle had been entremently placed to see father. They had not been also been also been also been also had been also been also been also been also had been also been also been also been also been also also been also been also been also been also been also also been also been also been also been also been also also been also been also been also been also been also also been also been also been also been also been also also been also been also been also been also been also also been also been also been also been also been also also been also been also been also been also been also also been also been also been also been also been also also been also been also been also been also been also been also also been also also been also been

suchs. Most of the most were huny there; but own the werent showed thorsactive asper to work in the mention shops and synthetic food plants. Finite rook charge of the work in general of ne-Penther rook charge of the work in general of necessary of the work in general of the work over my plans for the ships, to determine the best methods of promotine, and to find which tools and technicisms would be required. Until Donos cares, he undertake once reconstrible to perfect it the Desay but

undertake some resourches to perfect the Devey but before beginning that, I saked for and reselved the job of opening and clearing the great owers. Percy hours alsed of the rising of the sun, I left Firerest with a does mon in space spatt. We draw atomstored treators, that drapped three of the great which Beres medium between from the old wards

ings. When we arrived at the little crack that was the opening of the great cavers, I fastened the end of a long line about my middle, and ventured with a

THE RIRTH OF A NEW REPUBLIC it widered into the cavers proper. A few measureshaft, a hundred and fifty feet in diameter, such rest. But I did not sleep until I had sketched plans of the shaft. I left a dozen men busy on the blueatomotor which was to operate it.

The men worked on at the shaft in my shoence.

down. I brought back two additional tubes, and the

work went on more rapidly than before. It was a splendid sight to see the five red hears, like fixegra of fire, driving down into the pit from the vast glistenneath them into a flaming inferno of blinding light,

from it, and above about us all was night, where the

And the huge black thing, seemincly dazzled by our battery of

blazing searchlights, turned and dark bassage to westward. . . .





thilling pases from the pit, easing, continued in a sect of for, and fid, a crystal snow, upon the bugmachines and the bary men.

There're born sites, when the san came up, a spiralid hall of white films, we were down thirteen hundred feet. In tas hower more, at treatly three banded feet, the faston we were developing openious of the sharp and bodies down its straight walls are of the sharp and bodies down its straight walls are of the sharp.

gleam of phosphorescent vegetation.

I went back to the city to natch a few beers of sleep, and to exchange my space said for the topi and high cotton uniform wors in the day. I left a crow excurating recesses about the mouth of the shaft for the beating machinary and the mechanism of the greek beating machinary and the mechanism of the greek beating machinary and the mechanism of the greek beating the machinary and the mechanism of the greek beat machinary and the mechanism of the greek beat machinary and the mechanism of the greek beat makes and the second of the control of the second of the sec

installation was amont competes. The stope shows fill was already in place, with a thin table of rock over it for camcufupe, and the matern, cages, and cabledrams were being set up in the space cut out beneath it.

Four hours later a cage dropped down that great whaft, as the winch unrecord the steel cable that sup-

ported us. I was in it, with father, Gardiner, Ton Dowling, and sixteen other men, equipped with searchlights and D-rays.

A strange and spleadid some it was that burst upon us at the bottom of that half-mile rhaft. We emerged into their space. Our brilliant searchilghts played on an invested forcest of partiest stabilities. A far-

nees, damling in our intense lights.

The floor of the vast cave was still owner hundred fest below us. A we'nd thick jrasple covered it—righling with the seefs light of huminsoons the vegotation. The growth was thick and dense. Great fleshy, fungard plants rase half a hundred feet high, drowing with pole, unamny white. Even above them awayed the feathery fronts of fermillies trace, gleaning with

irregularly with parcoss to irre—wine and green whose, bloody roal and shimmering opal and shaming parple.

Almost directly below us was the long block blood. I had some and parple and parple of the shifting jumps that overtuning its itlent aboves. From it, the financing jumps also of the shifting jumps that overtuning its offerest of glittering statements. Beyond the shifting in the shifting in

dready in the many-colored light of the lamineus jumple.

Swiftly the cage dropped at the end of the calde, the overen opening up about us. Three thousand feet wide, perhaps, the penetrating mays of our reservality aboved it to be. Its largeth second infinite. The white deadling may traced its rapped walks until they loot

Where entering an empire, within the moun!
That such a great cavity is possible on the planet is due only to the slight force of its gravity; on earth the reck walls would have beenen giant.

was closed. As our core drapped low ever a femo forcet of enturned, pain-like trees beillinate with not green fame, a strange winged thing sprang up from the block laborators. Black it was, and covered with glottening scales. It had two wast eyes, immense obtang orax, storings with intense violet. It two likely or designing with intense violet. It two likely or de-

liberably flapping, bathery hinks wangs, that most know agreed a fundered feet.

One of the most in the easy ratios this Days take.

One of the most in the easy ratios this Days take.

One of the most in the easy ratios distribution of the state of the most ready of the easy take. It will be a set in the or my own part, for the most consistent when had come directly toward us. But with a word, Gardinar restrained the most liberative to ensure that the same that when the contradict the most liberative to constitute the most liberative that the most liberative that the contradict of the contradict of

until our thin white rays leet it in a mase of ghoully, gillitering passages.

Then, swinging there two hundred feet above the luxuriant huminous jurgle, we sat be clearing the vegetation savey. Fastisatic glaving plants redied beneath

our wirdsy brilliant Devoys.
As it well known, the Devoy fineld is colorious, stince
it is a virtuation in the after-wirdst spectrum, of a
wave-integrit for theoretic than these of the inwave-integrit for theoretic than the ord the to inconfinely
radiation, which aids in controlling the ray. The
difference in color is due to the variation in atomic
structure of the three kindred match ward in generalities
actively been. When examine in used, the color is
now in Sunn. When examine in used, the color is

as bright, emerable-green. Infullum generates a vivid crange-yellow ray.

White two hours we had swept the care from wait to wait, and fire about two miles east and weat. The reck, and have black toul was left. Then we landed, and left the ease, Gardiner and I set Immediaabout surveying the pot or the kin-cheec broads the three, while several expections were tent up and

the document of the cover of th

The man next in the other direction reported that the seaves extended only a for miles that vay. We seemed to be in a relatively small bettle-action themselves, with the curved next of the bettle opening out to be considered to be the bettle opening out to be considered to the considered to be considered to be

Father and You soon west took to the city, to look of the themse and our supplyed or nor materials. Gardine to the many of the same and our supplyed or nor materials. Gardine and I stayed in the savera, to get work outside on the new ships as seen as prooffly. The cape brought us increasing streams of mon-engineers and laboration. The complete streams of mon-engineers and laboration from the coulding and colors and from the moniter cities. Quickly we exceled barracks in which we shept; and & vast open shot, under which cooking and exiting was

Quirkly we erected barracks in which we shopt; and a wast open shod, under which cooking and eating was does. Gardene and I superishtended the work, taking alternate shifts of twelve hours each. With amazing speed the opidery framework west up, which was to support the locals of the score of

new records. In a week the credies along the laboratore were salmest completed, and our quickly erected foundries had patterns for the easiling of the first buge plates.

A strange industrial city grow up slong the cavern

wall, show the yards. There were furnaces that sent an endless infernal glow upon the hanging reef above. and thundering hommers and rolling mile, and great power plants that hummed with atomotors totalling millions of korsenower. Part of the equipment had heen moved in sections from the shops at Firecrest, much more had been built, and other units were always planned, seeding but time, men, and money to make

We had been at work for two weeks, when Gardiner told me that enother engineer, his name was Nonmy place, to give me the time to work out refined plane for the D-rays, with which to arm the new fleet, spend a day with father and Valence and her family.

Before I left Gardiner, I did my best to persuade him that I should be assigned to the new fleet. I wanted desperately to he with it when it went to earth, so that I might have a chance to find Lerodo. And I was afreed that Gardiner meant to send me

under way The old scientist gripped quiesically at my request, and reminded me that it would be a year before the flect could hope to leave the cavers, even if all went well. He refused to give me any definite promise. I got out of the care, and elimbed up the abort fostlooked upon the city of my youth. The chamine walls rose perhaps five miles away, weatward. The city

rim of the crater-as it pleamed in the telebit sunlight, it looked very much like a vast alleys colo-The rich mixer, from which had been drawn all

AB I stood and looked at Firetrest, a heree prints.
It wasted up in me. It was ours. We had made it. 8 I stood and looked at Pirecrest, a flerce pride in When father had come here, this had been have desert. All this he had built. I had helped; part of it was

the five miles of hare desert to the city, beneath the blazing poon-day run. I went at once to father's offee, found him at week behind a great deak piled with papers. I saw that he was doing more work than be He was gind as eavy to see ree. He told me that with him. It had been a hard and perilems trip.

sand that the old fellow had cared for her most When father and I went to the apartments, she was

When I ishingly probled her for her hardthand in when I jointly scotted for for any alternation in making the trip, the said, laughing, "I may look like a finded oki lady in lawender, John, but I can a girl-and I mean to stay one! Do you think I wanted to stay in Thoughilus when I had a chance to come to Joskins, it seemed, had not brought good news. An

army gathered near Colon under General Hall had day, with the chiest of uniting with Warrington in retaking the city. Half had been met by a combined force of three space shins and five thousand morrows under Manorby, and a borde of the Scienites called Ossinae, with whom the Tellurians were allied. Hall had been dissatrously defeated, retreating with only a fraction of his men. Four thousand dead were left upon the field-upon which, it was said, the mooncolors had reade a harrible harasset.

Then Manushy's force of war-fliers, normen and moon-calves had marched against the little mining cononly a handful had encaped the general massacre. The moving machinery and the store of metals on hand had been largely carried off, and the huildings and shaft houses weedled with the D-rays from the ships ton as a center, had met Warrington in a bettle be-

forced to retire pron the appearance of six thins of After a few happy hours with my parents, I went hack to our new laboratories in the covern, to set about the experimental work on the D-rays. Remarkable my absence. Some of the new factories were running. turning out mostly the tools with which the ships

Weeks went by, weeks of exhausting tell, of slow and forth a military weapon that promited to equal the improved tubes carried on the new Tellurian chips. Slowly the great apherical bulls of the new ships were rising by the lake-though they were yet but hulls, without engines and without weapons. Warrington, after his defeat, had retired to Though-

the again. Now another day had come and he had advanced again, as Jenkins-the old scout was a frecount visitor now, with his diseasehea-had lit-I had last renewing my request to Gardiner for a

position on the new flort. Always he had refused In a new topi and white uniform, I burried across directches. He brought the news that Warrington had met Humbelt again and had defeated him in a hot battle, winning all he had lest in the previous engagesunt, and more. The whole moon was remiting for

After Gardiner had read the distrateles and sent work, he brought me a yellow envelope, addressed to John Adams, Jr., and marked "General Orders." He had always heatered me about my desire to go to Bed the informed me that I was ordered to return to Theoph-

you along, to help plan some temporary fortifications,"

Theorem Confines broke into your of laughtening you are so attaious! Ha! Ha!"

Dared and wondering, I opened the envelope for confirmation of his words. I read: "It is not pleasure

to inform you that you are assigned to Lafellette as he mittary occuracy. You will make the voyage to earth with the face in order to be able to work with alm on the return voyage. You will use your knowlolder of conditions on the moon and your arginering still to did him in every possible way in his peparadill to did him in every possible way in his peparadill to did him in every possible way in his peparaha I looked up, too much overceine to speak, and wrung the did scientist's hand in silent theates. he

rung the old scientist's hand in alle inned and cald: "Why not bring her back with you?"

CHAPTER XIX

Treaton

A stell 18, 2288, Gardiner and I left the Firecreat covern for the new capital of the mon, at Kernelwarraik. It had been nearly a year date the opening of the great ease. The ships were almost dram. On Edwy I, the sum would rise. That was the time set for objective fee the saidth. We were to obtain time of the objective fee the saidth. We were to obtain the work of the said of the said of the said of the fee the voyage and fee the object of the said fee the voyage and fee the object of the said of the white Landellette night take part to our returns.

The cavera was a changed place zow. All the great chamber, fire miles inur, had been cleared, and brightly lil by attentic lights suspended from the gletching stakedites of the roof. It was cut of from the unemplored wildcrass of the lawer covern by an inprostrative yellow curtain—as unbroken wall of franprostrative yellow curtain—as unbroken wall of fran-

There mad a new diff, of more documed periods from the Problement Eds, with fresh andron of the Christian and the Christian and the Christian man Ferri had itself. The lock-shows humand with large stress and terminal periods and the christian and the Christian and the Christian and large stress and the Christian and the location of the might beament that force the research to the Christian and the Christian and the Christian and the location of the Christian and the control of the Christian to the Christian and the Christian and the Christian and the New York when the Christian and the Christian and the last angless were being installed and the Boary and the Christian and the Christian and the Christian and the last angless were being installed and the Shary

Sufe, to come and relieve Gardiner of his duties as Admiral,
Junkins had econe for Gardiner and me. We left Deant in charge of the diet, and set out for Kurrubwaruk upon the moon-onlyes of the old seyet. The sight had foliate two days before, but in Gardiner's ingerood space armon, with comfortable freedom of invested and ease in breathing, travel by night was

hanty day.

Jenkin, as we parrubos, but on this sight has talk was mustly of his varied adventures in the hast year. He shed here already and daventures in the hast year. He shed been alread ways on the more location of warrington in locals with the at Pricercal, and with Hall, who was till enoughpained out of Ooks.

Jenking talk was almost a history of the war. The second of the war almost a history of the war. The second of the war almost a history of the war. The second of the war almost a history of the war. The second of the war almost a history of the war. The second of the war almost a history of the war in the war and was the war almost a second of the

ton. All in all, conditions stood about as they took a near before, except that the most was locaring to depend more and more upon her own resources. Without accolate, we reached the Intile craker with the hidden city of Kurukwarraic perchod, all but well to valid, signs the central pack that roan from a decotor of the contral pack that roan from a decotor of the contral pack that roan from a determinant of the contral pack that roan from a determinant of the contral pack that roan from the cold pack limits are the contral pack that the cold pack.

next or selfer, was there, having come with one of cultural there seems, become the Soundard. There was nother agent whis had reid a secret visit to the particular in New Beston; and Versions and Wong Kow Meet of them secrets glad to see me gazdin—Warrigutes appealing to. We had a great burnout, arranged by Newven, by way of optoling the conference are the secret of the secret way of special to the secret way of secret means that the matter had been seen to be seen to

ments. He pushed mape and dispetches audic and we had a plasmal needle evening, spott in infiling over the property of the pro

warrington and unefulner, with their years of expericions at each things, bad rare skill at letting the important delegates gels satisfaction by making dry and high-seudring speeches, and then getting them to do what was model. On the record day, the Director of Finance reported that his moreotary, Beneditt, had vanished mystericusty.

film carton in the wault where they were kept, and feared that abotographs had been made of them. But my faith in the dashing, brilliant young soldier, seemed fucredible that the man who had ricked his life so notly in the sterming of the space-port at New But Gronville, the Director of Finance, invisted that Benedict's room to searched at once. It was found in disorder, with all the young secretary's personal belongings gons. It was evident that he had laft normanently and hurriedly-and without much care for the traces of departure. A young officer, on point sheet of paper that bore a sketch map of this section been morely a rough eletich for a more accorate map. Was Berndirt a traitor? Was be preparing to betray the location of the central? As much as all was trusted him, it seemed that

ne was.

Investigation aboved that conscore had passed through one of the air-bode about twelve hours before. No one had seen him but Jerning put on his quase and and went out to interrogate bis Selanties, which had been left at the foot of the hill upon which the

had been left at the foot of the hill upon which the city steed.

I N an hear the old secut was back. He reported that M'Oh, his faverite young male monealf, which, he often beauted, had more scree than a man, had seen a strang Scientic life into the crace many heart.

com a strange Scientic slip into the crater many brone before—the imposcalite sense of time is no different from that of a kuman that this point could not be definite. The strange beart, which, according to MYON's account, as Jenkins gave it to us, was a large red female of the tribs of Course, and of the lall below the city's well, resulting about in second of the of linearisant to each, and thought of pring to accent her, but how determed by feer of her weaper. He had been ordered to warm the city in cone one, and a single creature did not seem a damper to the fortified city, in his eyes. The strongs received but been in hiding for several burn when a men in normal city in the city. The strongs received had been in hiding for several burn when a men in the city of the city of the city of the but well as the city of the city of the but man, that dipped out of the city and reaches the hiding piece. He had meanted her at eros and had been extracted in the direction of New Booton. Such

of New Beston, creot to within a mile of the city, and

lay there hidden. M'Oh, who had been shout the foot

house pasts. In some meaning size as case sing size been carried off in the direction of New Beddon. Such was the story that Jenkins got from MOS, for which be rewarded the heart with a package of sagar unberupon his promise to take them slowly, and not get drank.

A Bills figuring showed on that Breachet, if he had nofeed been carried to New Boston, might have reached

A miss against surveis in text present, it is lost faced been carried to New Booto, might have reached there three or four hours before our discovery of his absence. If he were really a transfer, and it sow secondthat we must admit it, he was likely to said Van Thoren's fleet upon us at once. An attack was likely at any mostent. Merrers set [mmedia*4by about organizing the defense

there, in addition to the five thousand civilian population. Karrakwarruk had been kuilt like a fertrees, armed with batteries of Parsy, atomic variex projectors, and protecting the-rays. These were manued by the troops; the cilians had been well trained in chapture leaks in the root, to prevent the escape of the vital air during bombardenect.

For my part, I hurried up to the roof. It was of heavy quarts, with a roof-garden below the most of it. Over streets and open spaces was a lattice of walks, for those who inapacted or received the college about of

The city had been distincted, and though the root was freated with a sim of frome sig, it was still translocant. For perhaps an hour I stood there in the black most property of the black of the standard of the simple signal to the signal si

a great ory, pokind up and repeated until it relied through the city.

"The war-filters! Van Thoren is coming?" I seamed the sky through my compact pecket blueculars. Here and there, against the nebulous stardard of space, I picked cut a little circle of perfect blackness with a weird trail of fiame blow it—the circle

was a Tellurien ship, and the flume the discharge of the atomic bling in the discharge of the stone bling the One ship dropped a little below the others, and a whicking red light signalized. "I demand the immediate surrendar of Kurreic, write, with all ribels and trailors therein. Refusal will mean samithistien. Van Thoren," I could not so the historic reply that Warrington

"We defy you."

But I did not the winking point of red shows reply:
"Peritors, your doors is on your own basels."
The war-filter floated back up sayin, until it was
with the others that floated in slow conjous circles far
above, like the utilities of earth show their sarra-

new. Then the bembardment boxs.

Bright, nurrew piecedar grays stabled from the dustling laked appear occurated the city. Hough flouding pieces of purple and assertite, fear-fully explorer attende was tense, deeped castrilly down. Beyo of binding rysics to the consisting palerws. And the spillurates burst of stellar those meaning spikerws. And the spillurates burst of stellar upon the thick quarta above told that the enemy were unite explainty rejectible, more the loss territle because they were invisible in their coming. The fear-ful danger of whigh takets had been realized

and every time citys not was acted with weapons, and every titten was a part of the well-drilled every amount of the control o

There were a few of the vertex peopleters, too. From two or three points about the city, high on the gleaning free-failteend spires, great financing leibeng of anarte and purple flame, wet billiece-device of little light, rose up swiftly in unceding accession. And where one of these gleisening plaines of observed finne where the contract of the con

mands, mindfug sharply with bursts of cheering and patricide song, broken correlations by the sharp crack of an old-fashband pintst, er by a wild zeroem of turns, of an old-fashband pintst, er by a wild zeroem of turns, minds a rowed voids of the green persons, with the state of the sharp of the sharp of the sharp fast, silvered blackness of the roof above, were zow heighty it with the thousand soft silver pitoles of the atomic light. And all that wast roof was crowded with the sharp of the sharp of the sharp of the sharp Three were possible when c, this said poer, working

symbo or taid in ram. All were together sow, all creat in the time of terror. I saw flow cookety women in the modely groups, consultant under the recursant of the theory of the same of the same of the same Taker were a hundred of these hastily erganised groups of citizency upon the roof, with step-indices, group of citizency upon the roof, with step-indices, great tamps and sheets of motal and gians. The weapons were minuted by respite troops; the part of the citizency was to detect and require located in the

HAD no more than taken in the scene before me, when there was a sublex hilledge fash against the roof fifty yards away. The concussion of the explosions was terrific. Sturmed and deefened, I was furne to the first the first production of vegetation, connectous of a abover of shattered quarks falling upon me.

quired riming upon the, rubbing my brukes, at first wankle to understands whit had happened. Thus, in borror, I new a viset yourning upon of blackness in the blever root, with the stars shinking through it coils and hard. In a moment there was a sighting sound from it that guidely booms a nightly rubbing. A breach it, that guidely booms a nightly rubbing. A breach it, that guidely booms a nightly rubbing. A breach it, in the guidely to my feet, decled toward this upon. I is struggled to my feet, decled toward this upon. I is struggled to my feet, decled toward this upon a first thinking the struggled to my feet, decled toward this upon the struggled to my feet, decled toward this upon the struggled to my feet, decled toward this upon the struggled to my feet, decled toward this upon the struggled to my feet, decled toward this upon the struggled to my feet, decled toward the struggled to my feet, decled to the struggled to my feet, decled to the struggled to my feet to the struggled to my feet to the struggled to my feet, decled to the struggled to my feet t

caping air. Already it was fracting, from expansion. A white flarry of some-flakes was whipped about upon it, and a blue mitst had hadden the state outside. The reof-gazds were rushing up from all about, carrying ladders and equipment.



The confidence is a wird with was topped as medicing as it had begin. I was standing on top of a laider, piying the desaling beam of a widdiners; when we want to be a laider property of the second property of the property

That, we could naver replace.

Then there was a little pause, when we could look out through the frosted reof, to which the terrible splender of the battle—the war-diers of the Tellarian, in the wrirdly hard clouds of the atomic blost, some-

of saarchiljekts that played from the towers of the citys—the ryas, narrow and vary briefly, like fibers (stip the ryas, narrow and vary briefly, like fibers (stip of shashing bigod fibe, saetels and green and yillow, of ralay and meant and topace, reliable its striking medicanal the broad mility atrond of the yellow fiber-say that shelded the dry or the alapy, pack ordered or striktured—many and the striking of the striking medicaber of the striking of the striking of all, the gibbilar stories vortices, green ball at Played fibers, the soul tiles a stream of rister boldes, or dropping as shower from the alaps allows, all explaining with facility does the stream of the striking of the striking of the striking of the striking and the striking of the

ther a trickle of real particular of the company of a common from the ships above, all exploding with four-fully detributed to the common from the common from the control of protection protection. It was specified, and terrible beyond expression.

For a little time I washed, as all about no were watching, asset for a few who but turned from the fearful glory of the serms to crowd around a dying name, apper fallow who but he bears are the common for the common for the common forms.

mnn—a peer seaso was to an incred town or frequent of glass from the shattered reed.

Then other projectice, that comelous had passed the protecting absence of the control of the control

until the break was repaired. But that time, because we know how, it was easier.

Again and again, a great yewning opening was teen in the thick quarts reaf. We wan from one to another, forgetful of time, person or place. I was cut with framents of sizes, running again and again.

by the wind, even bilitation by an accidental beam from a redding-ray.

And steedily the roof grew colder, as each lass of at chilled it a bit more, and during the raw moments of rest we clostered about the atomic besters to warm or trenshills [linbs. And presently I soldied, with a chill of hereo, that I could feel the symplems of the bilings of the atomic and the symplems and I feel the beauting of the atomic and promise and I feel the

and my heart was pounding wildly. And I felt the sticky, celd moisture of bleed upon my lip—my nonways bleeding.

When the next breach was made in the roof, many of my fellows staggered and full as we ran to make repairs. And when at last, after a fearful struggle that demonstrate the last concerns of one ability mercy

is was done, I saw that many others were suffering from noce-bleed, or lay garping on the ground. Scme, I saw, were already dead.

Apain came that familiar glare of yellow flame, that themforom, splintering crash, that shower of shorpodged, shattered glaza. And then the this bowling

demonstrate the manner of the property of the

beyond.

The thin chill air sucked up past us, seemed drawn from us with a pump. I gasped, cheked. I felt as if a damox were drawing the air from my lungs. The intense cold gripped me. A thin frost formed over my bleeding lunks I saw that others were failing about ms. I tried to short a plea for six—and a faurful hand crubed my threat! Bleed squarted from

fearful hand crashed my threat! Black sparted from my mouth, and I fell freeding on the platform. Vainly I tried to get up to stop the temporal of air that was howding with a shrull mourneds note through the hisck star-shot bele above. A great wave of cold surged over me, and scened followed by a value

It seemed a long time before my mind rose out of int. I that blade above. Then I felt as if I were in a me, as that my fools effect leaded to move my furthers. I thought, they were frozen stiff. And I was that a regard recognition of I were being start to be a supplied to the seem of the area of the mean that is a supplied to the seem of the mean that is a supplied to the seem of the mean that is a supplied to the seem of the mean that the seement is a supplied to the seement that the seement is a supplied to the seement that the seement is a supplied to the seement that the seement is a supplied to the seement is a supplied to the seement in the seement is a supplied to the seement in the seement is a supplied to the seement in the seement is a supplied to the seement in the seement is a supplied to the seement in the seement is a supplied to the seement in the seement is a supplied to the seement in the seement is a supplied to the seement in the seement is a supplied to the seement in the seement is a supplied to the seement in the seement is a supplied to the seement in the seement is a supplied to the seement in the seement is a supplied to the seement in the seement is a supplied to the seement in the seement in the seement is a supplied to the seement in the seement in

Precedity I feet warm pass accounting cody, income beard the this namiling of encoging express, and felt is metal valve in front of my mouth that worked as I breathed. With an egositing effort, I moved. I set up, and found myself on a port of litter, easily horse between two growteeper plants of sulvar rated, with great regard beside. And about of movement to the preceding of the preceding the processing metals of the preceding the preceding about some hoge misnitarian emaline futures, tolking about some hoge mis-

chine, dragating it along.
Then my moddled brain cleared scenewhat. These fantastic nortal gaints were men, in abserted six-powers are space aunts. I had been put in one. And we were poing down a timed, probably somewhere below the city, with the mes dragging a buge modelae along.

city, with the mes dragging a bage machine ahead of us.

Than a veice rustled in the phones of my bendet.
A queer metallic ring it had, yet I recognized it as Gardiner's.

"Ghal to see you coming around, Adems," he said.
"You missed the order to get in a space suit, ab?

We had a hundred and fifty, enough for all members of the Assaulthy, and for meanly a hundred men. But how are you doing?"
"Wity—well enough," I articulated with an effort. "Good! Just take it cany. You were pretty bodly off when we found you. I imagined you had grow up.

on the roof, and sent a couple of men up to leok for you when you didn't came for the sult."
"Where are we neve?"
"About a themand feet under Kurrukwarrek, Secret tunnel bern. Cemes out by the cratter vim,

about two miles netch. Some atomobile there we can get away in. The men are hashing about a big D-ray mising machine. We may get in a shot in the rear." "Warrington, and Jenlins, are they all right?" "Thanks, and we sure are," came from just about of me in the rusty valve of the old secont. Then I recognized fish stocky figure, be was one of those

CAPYING MA.

For a few minutes I key quiescent on the litter, recovering my strength. After a little adjustment of
the cayges feed from the tasks and of one of the
seemic beating pade, I felt comfortable erough, though
rather weak. Presently the party beated, and I made
Jaskin put me on my feet—though I could hardly

We had reached the end of the turnel. The allowrultd men were heiting the great D-ray that to the surface. It was a large thing, almost unmanapsoble. The effered quarts wearm tabe, which both the little disk of platinum which was the actual scores of the ray, was twanty feet leng and four feet in disnetee. Surrounfeel with cells, secondary tubes, prisms and condensors, it was gnounted its gyrabilar in a heavy

giving and controlling it. It must have weighed twenty sir tons, gb At last it was pushed and hauled up through the sid turned menth, by the strucyling man, sweeting and

int i hand even Warrington himself. I was still feeling unable to do more than stand up. But presently I dismbered up beside the north of the count, where the new rew following the great machine to the count, where the new were following the great machine by an avertal light. A fractful illifering give shore over the welfer, which desert of these pains and carter walks, from the helitant desert of these pains and carter walks, from the helitant the domest city. The nilver skeps of the sensey were diffilling and cortesing law above the

glast-cooled cloudd on the meentum, alseming territys and the second of the cooled of the cooled of the H serred that we looked upon a verticable storm of fire. Freen a dosen points about the white mountain parts belilizer grows or ascatts and green and outsing such as the cooled of the cooled of the cooled quickly and describestly audint the utter blackness of the start Anne Anne Second of the cooled of the cooled he start And hered yellow farmers, as persed accessed the what of sufference down, to article the clothes of the there were seven of them now—glotha hard, bright there were seven of them now—glotha hard, bright

wings of suffree dawn, to arrow the city. And from each of the vast white aphrens driving leavely above there were reven of them now—jetted hard, bright impure of theoly ruly light, and of living conrabl and of anoisy topon, wavering over the city like tertaken of a living mounter.

And the fearful balls of fire, blue and purple and white, the modify spinning opheres of destruction that

exploding with awful, blinding bursts of Same.

Presently the men passed word that the tube was
ready. The equitan stood with his hard on the switch;
the engineers fuscal over the absence, the rangefinders stood with tripois and instruments out up before,
them, eighting; the pumpers wanted by the wheals that
trained the revent machine.

I N a few moments a great globular chip, in its alaw circles over the city, drifted toward as until it could have been hardly two miles away. No yellow fan-ray acreaned it from our attack—it was not expediting a

Warrington gave the order. The range-indexe, at their talescopes, spiles term directions. The skender, silvared tashe of the great machine swains should in the treaminest. The engineers sursed whicking stamptons, and purple sparks loopt between the colls.

Then the click of a switch, An intense beam of crimces both—intense, bloody, spatifiles—leapt effectly from the top of the affree time. Looking as solid as a spit of radity, motion metal, it implaged spatial as a put of radity, motion metal, it implaged spatial as a the vast picke of after above. The white aim label to the "The white aim blackword; then jits after well it with

a red given and becomes quintly incondescent white,
The workers resemed to shaper kenneth the been that
we writer directing became, and fusing ber with
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the guaranted need of atomic correption.

Still our vest altent becam of crimaco clurg to the
war-filer, despite her zigsag rolling in an effort to
encape. Had the tube been orginged with the refinements I had lately perfected at Firerest, we should
have been violent already.

"Into the tunnel!" Warrington shouted suddenly.
"All casept the crow!"
Fell-mell, armored men piled into the open mouth of
the passage, raced down it. We were not a moment too
soon and were hardly there when a shattering blast came.

*The motion version is passessed by a small, solid projectly of individual individual projectly of small, represent a small before the control of the contro

Fifteen minutes later we groped our way back to the surface, over a hank of fallen ddrix. Where the tunnel-mouth had been was now a wast craste. Of the D-ray machine and its orew was no sign. But the war-filer lay, a crushed and blockened thing, upon the mosw-covered desert a half mile sway. The sur recusting slope continued their bumbardths any recusting slope continued their bumbard-

mean or the city as it has take or their eight which had not been noticed. I saw that the rays from the city's crystal towers were fewer now. We lost no time in advancing upon the fallen vessel a whispared conference of a few accords decided the

is wanaparts removered to a new account of social tenmatter. There was considerable peral in it, if the other ships should happen to see us. But they were still well engaged—one of them was caught by a swirling atomic vertex and demolished in a fearful explosion almost as we started.

Our belof discussion showed varied motives for involgating the wreck. The most hal thoughts of tovolgating the wreck. The most had thoughts of tovolgating the work of the control of the concept of the discussion of the control of the coninformation by impossing the semiment and engines of the fullen obly. Warrington cold that the disc had for the control of the condensity of the control of the control of the condensity of the control of the control of the condensity of the condensity of the control of the condensity of the condensity of the control of the

evisited and lark by the fall, bleekered and fused by the action of our ray. Hidding under the sides of sign of the weeked manutar, it took but a few minutes for us to cut an opening in ber planes with pocket Drazys A blast of six met on as the rays cut through. If frome in a thin blus feg, and sattled in after frost upon us. We stood black a few recents, until the force of its outrash was report, and then clambered

through the opening. We found caracters in the lower engine compartment. Scattered about it were the bodies of a decen men in greasy coversiti. Some of them were still limp and warm—they must have survived the crash, here been applysized when we loout the sir.

We found the air-lock that led to the conventment

We found the alr-lock that led to the compartment above, and suttered it, emerging in the quarters of the crew. There were a source of living men there, but they were marmed and offered no reasotnee. From that we rest, on up to the D-ray deak. The walls of that had been broken, the vectum of the night abready had entered there; and frozen men stood stiff, and greekeep and their way to be a superiorizing above.

From the ray deck we passed into the compartments occupied by the officers. The walls had held; the menincode were still allow. They were inclined to restor with pocket rays. We lost four men in the brief execution, and were compalled to kill two Tabbrians. But we cook seven printerer, including Manorshy, the submirried of the face, King, the captain of the shap,

encounter, and were eccepted to kill two Yathariano. But we took seven princeses, including Manoraby, the admiral of the freek, King, the captain of the shrp, and four minor officers.

And the seventh man was Benedict, the traiter. When the others surrandered, he had fird to a staterous beard bissuiff in Whon was have the door in.

roan, sector intensit it. Wene we stoke the unor intended to the defended inhused desperably with a policit say,
folling one man and wormnings have he spile to get,
folling one man and wormnings have he spile to get,
folling one man and short. He days free were firsteel,
and his black cyes encouldered with hate. He stood
stilly at attention, radiating to speak. Warrington had
his permon searched. Credit units to the volue of nearly
half a million were found, and his commission as a

Director in the Metals Corporation.

"So that is the price of the meon?" Warrington asked him scornfully, waving the documents.

A look of mingled force pride and humiliation

creased the face of the prizoner. He hit through his lips until hield cound from his mouth. But he made to reply,
"We shall be compelled to court-martial yea, on charge of transon," Warrington said obrody.
"Go ahred---dunn you!" Benedict cried in a boarse with a reply to the county of the county

"Go shead—diam you? Benedit reted in a boarne voice, spetting blood from his mouth. Wisrrangton practiced at the military trial, with Cardinor and the other officers present as judges. The charge was formally read to the principe, the case bracky considered. He made no attempt at defines; he refused to speak except for bitter causes. The

The prisoner beard his doors in affect distance, with scornful histord farange from his eye. He was cenemanded to stand against the wall of the verocad ontred-room, and compiled like a man in a dream. Three ties, in bright alvey armor, equipped with pocket D-ways, took their threes before him.

Suddenly be laughed in hitter sourn, his black eyes finning.
"You can kill ma!" he cried. "But you will meet the anne fate. Your hidden cave! Your little flext! Humbolt knows all about them! When you get to Firerest, you'll find a work! Now kill me-mad be

He closed his mosth, folded his arms, stood there composed, learing in a cort of triumphant hate. I might almost have pitted him if his words had not thrown me into a fever of rage and fear.
"God have mery on your soul," intooed the officer.

"God have mercy or your result" inferred the officer.
"Fire!"
Three narrow rays, one bloody columns, one emerable groun one smaley yellow, darted from the plateds of the three allow-armored men. For a brief instant, the

three allver-armored men. For a brief instant, the dark flurar was betted in bilinding incandescence. There was a dull, explosive "ptop" and a codden vivid hurst of whate flurar where its had steed.

And the man who had been false to his world was

CHAPTER XX
Tracced in the Cavere

WE left the ship as seen as our business there was done, and best a heartful referst. It seemed that we were not observed—the ward buttle shove the city was still being butly forght. Five minutes later we were beed in the shadows of the

At the mouth of the tunnel through the craterwall was alonged to watch. Narrow putchs of fewered from the edge was the part of the most of the edge were still playing upon the alter and the edition height stream of them from the edge floating up. But those ways were fewer than they had been; rad as we watched, nother of the great yellow cartains of the fan-ray vanished as an exploding vortex demolsted its projector.

That left half the city exposed to the farting fangers of fire from above. One by one the defending rays enapped out. In a few minutes the city was dark save for the crewn of vivid rays that agrang from the highest peak of the mountain. Now all the armanus of the fire war-flares was focused upon that one last battery. In another minute, its beamy highed yet.

Kurrukwarrak was fefenseless. The servicing weeks of Massaby's feet made sure of their victory. Their D-rays placed the defeastless town until nothing but his here top of the fill remained. Carthage of old was no more completely destroyed when Sciple placed at into its seles. Even the Tellurian ships that had fallen were colliferated—to Tellurian ships that had fallen were colliferated—to the seless.

the edject being, I suppose, to keep them from falling mits our hands. Them the five great ships rose, and proceeded deliberately in the direction of New Buston. We enhanced the great tunnel that powered the create wall, and concept upon the white, decedate desert outsides. There remained less than a hundred of us, out of the therausing who had finhalited the capital) of of the therausing who had finhalited the capital) of

well, and constrain upon the white, decolarly desert use, side, there remained into that a hundred of us, out of the thousands who had inhaltful the caption of the moon. Including monoscales that vanished, we had to have by absorbible. The naturals of reads over the two laws by absorbible in the natural of the caption of the way, had been as turn upon the burnicades that hey were heardly more passable than the underproved desertad the naturals was a form substitute for the great and the natural way a form substitute for the great

isoping boats. It seemed to that make the control of the control o

A does of the machine were waiting in the thinples cut just induced the timel-neuth-worder, federing affired tubes, with athorite specings and interior tread erired by alcomotors. We started them, as the most into the bright light of auch. Wenderful mechanisms they were—sounderful they had to be to reverse the five were—sounderful they had to be to traverse the five were the started of the started of the started times, when the five deependals at most calves would have were not half to deependals at most calves would have

Warrington had to go hack to his troops at Thuselshis. Godfere work with him. Verdere and Wong
his Kow were returning, with a party of agents and officers
of varyion grants, to Hall at Celen. Most of the governere most collisia who had secreed, intuding Greenville
and Mayers, went with Warrington to Throughlus. The
troops in space sails were devided about quality between
the glassing, combrons medicine fermed root little.

To detains and me was left the task of reaching Firecast, if possible in time to pit wemaning that the city had been keitzeyed. We had the lightest and settlest of the control of the control of the control of the alaminum ellipsy, and proverse to do two hundred miles of per lower on a smooth provenced, though we could eagle the control of the control of the control of the diples out of the cavery hefore the control of the alignment of the cavery hefore the control of the alignment of the cavery hefore the control until day when we

operated by the district of the content of the cont

the dead, crushed vegetation of the day; and the hright earth-light poured upon it in scintillast spiendor.

WE were many niles from the lost city of Knruskwarruk when the rising of the whits cone of the modiscal light foretool the coming of the own. I was at the whool of the bumbering stempths, driven

tiful carth. As we went, Jenkins armiously watched the sky, for sight of black circles with planne of fermist below them, that would mean a fleet bound for the city. Want if we should be delayed or bot? What if our watches feld into one of the incomerable abromal watches feld into one of the incomerable abromal

Want if we should be delayed or not? Want if our machine fell into one of the innumerable abytend chaems of the moon, and we became a pray to the wild Kal-Laraba? Such thoughts made me fearful of every black shalow that lay behind the rocks and necession of that brilthal key behind the rocks and necessions of that bril-

Bast enowy pixis. The sky, all the void show, was marvicarly clear. Incredibly black, it was, with thirly white stars flaming in it. Far off, to right and left and hefore us, rose ragged meantians—great, sheader, rugged white peaks, for shauper and inner cruel than any hills on earth. For all the floods of effect light that full mout their powerpet shows, etching cree

that fell upon their enow-sweet slopes, etching errol edits in thack shadow, motivates and distinct, there seemed a singular unreality about them. They were grim, and Searfully cold, and terrible. The atter isochines or the night, the knowledge that

The utter intention of the injur, the knowledge that we were sorred of miles from any other human, that ne living thing of our own planet could live exposed on the white meanships about up, the form of the bettomises channes masked by the predery blanket of from all and snow, terre of with mone-culren-sell these peryed

Desperately I urguel convari the throabling machine, toward the vast cone of mirty golden flex, the solar cercan, that cropt up so storty in the eart. Joseph cone, that cropt up so storty in the eart. Joseph so and from an in Highped and cruthed brasels the tracks, but in the vaccuum of the highly we beard as sound of the Storentiness the makiline top-pide over uncome edges, and full limb provincy drifts, At the residential control of the solar control of the control of the machining country, and we were brained and tomost

about on the patient seat.

Day came at hart, when we were missway of a great
crater facer. The lund writhing premisences of the
oldir coven rose over rugard thick mountains, and
struck the freeze air with a beat that sent it hissing
of a letters are long facer viber we before with the
of a letters are for facer viber we force with the
telling. Vapor rolled up in thick clouds from the rods,
if with red and purple flames; and the vast rods's sex

burned rekultically through it lifes a rot, malereless tys.

As hour lease we came unexpectedly to a "insecucial road" as the scying in—that is, a path with a loop at the end. In vain I alumned on the broken. The acbridge of the property of the property of the bridge of the property of the property of the screens. We tolled with it for hours; but an axis was twisted, the griffing were broken, and the moster itself

We came to the reloctant conclusion that we checkled bave to go on afort—slibbrigh that meant a desperate journey of hardships almost unlibbleake. After a last hepeless impection of the wrest, we traved and attacked the drimb from the creater into which we had created.

In a few rejuntes, we seen the plain, which was also

ready not and dry, for the sun had been chining several bours there. Because of the heat, we had to leave the wonderful metal suits, without which life would have been impossible a few bours before. We had covered hardly half the distance to Fire-

We had severed hardly half the distance to Firecreet. We had two long days of trivel before usmake it afcot. And already we were enhausted from houseling about in the smokine, and from our feveride efforts to repair it. But we keep on, driven by fear of a clithing we had had on bereath the space quit. In a few bears my different from the contract of a law that Lending was been been been described by the contract of the conservation of the contract of the contrac

The red sun blazed down fearfully. We had no proper

nua helmets; our heads were protected only with head-

ages of white rags. Indeed, we were only the under-

Solutionary was ordered rate points our increases when the saring of circle from our undershires. But the way to be saring of circle from the saring was on a supposed throulders. Two our three times we found a little samelited same lyings in the black shadow of a cilif, and crammed handfulls of it into our mouth. But the intense could off it commet to ease each tengue but the intense could off it commet to ease each storage than the contract of the contract

with a theil of ungerenable terror. And at lost me the forear were realized. I are four little blair does based on a, third dark specker that fleeted up into the six, and defitted back down to the rookly waste of the description of the state of the second of the secon

We hid and watched-matchedy, for the eyes of the Scheidas are interediffy least. I think i retransed when I know that they were monte-alves, that they were coming sown our trad. These were non-welley, much it was foolish, for subhire ann others a Selentic. With first the selection of the mone-values have eaten many men, and the stories often of the selection of the selection

Set best disc galitime from the set. If the set of the

near. A squartitie man, as was, and increasing griny, she find seeds to a raw red. Brick-red teaseds that fell over this blishered face, and ragged litts of red weeden underethisting hang to his human limbt. And he was doubled up with finance longshire.

Presently I caw that he was trying to apack. The rating mean-tolves were simped upon us as he jerked.

out the words:

"Ka'Larbah! Like bell! It's M'Ob!"

"M'Ob!" I repeated, uncomprehending

"MOb. My MOb. My mon-calf. He concluse get away. He followed us." Indeed, I now recognized something familiar about fougled his sun-hurned body with evident affection. Terrible hours went by, as we weltered and resisted in the increasing heat of the sum-but our relief was so great that we faced the new hardships without

Pirecrest came at last into sight-a bright silver disk, close against a black crater wall. It was safe! Then, leoking behind, I saw six little aphores of polished aliver, scuiding toward us, swift and low,

It was avidently too late to get our shins out to most the enemy. I shouted my discovery to Jenkins. He urged our mounts to the limit of their speed, then leaned to

ms, and abouted; "We'll go by the cave-mouth. You can drop off there, with the papers. I'll go on to the city, warn them,

I shouted assent. On we flew. The white balls grow behind us. I saw the familiar boulders about the concoaled cavern-entrance. Jenkins abouted and waved his arms to our mounts. They dropped beside the nit. where the great valve was yawning open. I slipped off my mount, with the dispatches balted about me. M'Oh thundered on acress the monotonous waste of hurned rook, with Jenkins upon him and the other menatery following. They would, I thought, have time

I ran for the valve, leapt down the stair to the engine-rooms, shouting the slarm. I found an idle great pinch of wix-wir. He stared at me stupidly. In octoeration, I seized the levers myself, despite his But it must have been too late to hide the shaft-

mouth; or more likely, Benedict had revealed its shattering crash of an exploding atomic vortex, and the Soon the great case had risen, was carrying me down

into the hidden cavern. The fearful concussion of exploding vortexes were crashing continually about the top of the shaft. I was landed at the cavern floor. A tail man he was, of commanding aspect, with penctrating blue even. He listened calmy enough to my

brief report of Benedict's treason and of the fall of Kurrukwarruk, and read the dispatches from Warrington. Then he informed me that the last adjustments on the ships had been made, that he had only been awaiting my return, with the final orders, before

Now, with the fleet above, it was horeless to attempt to get out. In answer to my carry fremirios. Donne told me that father and mother, and Valence and her family, were all in the city by the crater-I had been become up-

reasonably that they would be in the safety of the "The city is fortified," Doane attempted to console me. "The first can be held off for a time, at least."
"But in the end, it will be like Kurrukwarrak...
wiped out utterly," I said lifterly. "And we must sit here, fdle. There is nothing we can do?"

twenty new ships could sweep them down in five misutes, if we could get at them. As it is, we'd better it out with their rays, there'll be hell coming down." He hurried out, to give orders, and left me standing alone in his little office. I walked to the door, and looked out into the vast cavery. All shout me was a modern industrial city, very new and rather ugly, with towering empleastacks, and have naked machines and long iren sheds. Above was the white roof of ginten-ing stalactites, bright with a million flashing atolights. To the west was a village of bright little cottages, with green gardens about them. And enatward

lay the yest unknown regions of the covern, out off The aight gave me an idea. Once before I had been in that great cave, in need of an exit-when I had found the place, as child of twelve. I had but the vaguest idea of my terrified wanderings in the cavern. crater, about fifteen miles due east of Firecrest. I was sure that I had gone through no names too small

Presently Doans came back. "I'm having a great ateal plate forwed," he said, "the size of the shaft. We'll fasten it about midway up, and plant charges above to shotter the walls and bring there down upon it. We'll have according that will take days to cut through, snyhow." "I think we can leave the cave," I said,

their rave aircady focused on us, and no fan-rays to protect us. They would get us one at a time, easy an smashing bottles." "I don't mean that. There's another way out of the

"Another way!" "About fifteen miles east of here. We ought to be able to find it, with all our searchlights and navigation

"We'll try," he said briefly, The crews were already shound the score of vari stiver ships that lay in their cradies along the shere

of the black lake. Doese called his orderlies and carea burried string of directions. Ten minutes later we were on his mighty flagship, the Cornet. WB rose, with the rest of the immense yescale

fleating up behind us upon their misty atomic blasts. The yellow harriers of the fan-rays dropped before us, and we passed into the mysterious luminhidden world. We sailed awiftly over luminous jungles

lights flashing on glistening white vasits above us. arms of a Y. We followed first up the right arm. That to a great lake, filling the cavern for many miles. It have been luminous organisms of some kind in the

water. I knew that I had named no such thing during my days of desperate and tegrified wandering in the cavern as a hoy. I had Dospo return to the fork and try the other pastage. The elistening equital reed lemored

upon us, and we swept low over an oldritch Stagle of phosphorescent green and whote and redeswith the titanic silver spheres strong out in a long train behind us, abight with the blaze of courchlights and the weird

flame of the atomic blast. The cavern fairly awarmed of a hundred feet, their vast eyes burning, luminous, A sparse of them surrounded our ship, which was somewhat in the lead. Scores of them circled close about, screaming with crice that rang dreadfully

cave. Their hooked claws esemed formidable enough to rip un metal plates. I became so excited that I with the other officers, searching the glittering root

His look, though smiling, reminded me that he was

at the ship. Its purple eyes glased terribly; it showed

from the D-ray port just below me. Instantly the black that Doane had given the ray men orders to bring down

Houre more went by. We pessed into higher regions-of one time we bad been ten miles below the surface. We left luminous forest and winged monater

behind, and groped a way through midnight rifts where the searchlights pierced blackness that had not been broken for a million yeers. We felt a way through But for our marvelous navigating instruments, we

should have been utterly lost. As it was, first mapped ship located on the map. The vesselo were in radio corded on the map. We wormed a way through ordpassage to turn and retrace a path, but always pene-

At last we reached a slanting upward shaft, and bright stars gleaming in it. Deane sent out a call to

high-walled crater, shimmering in the glare of the whole own that bloom above the cruel and lofty neaks. One by one the immerse allver globes came out in fushing splender to meet the day. In a few minutes crater. As we waited for the other ships, Douns had been work in interes thought over the instrument board, carefully tracing a cabalistic design on the back of an old letter-he had an odd habit of drawing word

and meaningless discrams while lost in concentration. When the last ship drove up out of the crovies, he save the order, and the fleet rose with the Costet in rims. I pressed my face toward the quartz port in the want, frarful that I would see Firecrest such a desc-But I saw that the city still held out. It gleamed in the mm like a bright disk of silver by the crater

rim, with the cointillant D-ray still fleshing up as if from living fewels cot in it. Three of the enemy shins three shins were pearer, evidently beenharding the We bure down upon the ships above the shaft at

project speed. They must have quickly seen us, for the rave spidenty stopped. The three war-fiers lifted a little, and drew together, between us and the city. And Serious damage, I naw, had already been dene to the Donne threw his fleet out to either side as we flew.

we closed in the horns of the creatent folded about the three enemy ships. They walted, handles over the voctems, followed by a slancing volley of rays. Then they darted quickly unward, replying so beavily that they reemed veritable halls of fame, silver globes



But Doans had seen that his men were thoroughly trained. The three Tellurian fiters found themselves few seconds our danding rays were cutting through away, but too late. One of them was suddenly alight with vivid incanduscence, and falling crassly. In a

At that, the three ships above the balf-ruined city circular crater was flashing beneath us. The other vessals might have escaped if it had not been for the

But som the racing wings of our fleet were creening up upon their flanks, and our wastly larger armoment brought them down one by one. They fell in twisted

An hour later we dropped before the walls of Firecrows were already renairing it. With a few of the An easur crowd was waiting for us, elamorous with

ting in a new red tunic, grinning and very glad to see me. I found father, with a weary look herouth his happy smile, with mother leaning on his arm. She was Before we left the ship we had received the order

> CHAPTER XXI Lafollette

HE hours seemed but moments until it was time

tion of the city, still in a frager of bysterical busy grave at work, receiring shattered walls and Jenkins, though his equilibrium was a bit unetable

Valence and Tom Dowling were out to see me off, Tom



they were coming down our trail. Then we ran-wildly. me up sitto the apparties affected built of our flagship, in Creat A. for minutes lates I todo on the bridge, a licensed passenger, watching the bright affect of the strength of the strength

light of the sun that blazed upon her. And beside the dualities whiteness of the moce, the site year that he blazed, and district with eliumoid stars. I went to sunther window, and saw the earth ahead of us, a pake east ophers of mixty green, with a creasent run of white brilliancy, and its dark! End wollingd in pale recy light. First it occured above me, and then my senses surum about olderly, and it appeared to be

pale rocy light. First it counted above me, and then
my senses aware about oddy, and it appeared to be
above. It thought of the girl who was waiting for me
comewhere on that west copiere ahead; and I left the
bridge and west to my statecroom where I could play
again the vocal record she had given me.
I heard ber clear event words again, "I will be

waiting. . . My radio-receder will be timed always on 5.678 noters. If you ever come, call that and tell me where I can come to you. . . You know that I love you—forever. Lerods."

Oddly, her words, with the ringing sinearity of their inforation, and the little catches in their utterance that revealed traggic despair, reduced me to the point of team.

Our measure to earth was made in record-breeking

time. With the new projector, we were allet to accolorate in a few borse of the print of purpose outsidere sales as the meteorite-scattered lune. And with our greater hayding power, and more respondere contricts, the worsh south he checked or measurement more saidly, to avoid meteoric collectors, and we were asked to exceed out of the print of the print

I reveled in his cetting wit, and often he found time to join me for a game of chass, for an aminated discussion of the latest drama from certal, or of some principle of philocophy or own in a celentific speculation as to the future of the roso—he was alimed catholic in the hreadth of understanding. But he was not bill during the veryage. Besides

But he was not late during the wyange below the regular direction of Admiral, he book it upon hamself to see that the D-ray crewe had regular training; he spent a good deal of time writing a monograph on the complicated three-dimensional tacties of space warfree, and he epect long hours with me in wecking out the acheens for getting Lafollotte and his supplies and man aboard the first.

men abbard the Best. At lot we specified to the Ab Lot we are Ab Lot we are after the North-Pole and Lond in north Greenland. The Cowet would leave the float and cased just after dust on the middle of Lake Mithgan Bits and I would be dropped, in a swift hydroplan, and the Gowet would region the deel, Swis and 1 were to attempt to reach Calcoop and gar its broad to the companies of the Cowet would region the deel, Swis and 1 were to attempt to reach Calcoop and gar its broad with him, we were to communicate with Dozon by radio,

telling him when to return.

We entered the conte shadow of the earth fifteen theusand miles above it, thereby escaping the danger that the glassing reflection of the sun upon our silvered vessels would be neitled by terrestrial observatories. At an altitude of fire hundred miles we separated; the rest of the fixet vanished in the northward sky, and

Bris and I were leaded in our little speed-heat without neident, though we were at first almost helpfore under the powerful gravitational pull of earth. We extract the interne cargin, and seen were distring away from the celessal silver taill that rode so lightly upon the waves. In a moment it had view he belink up, wasteling in a pull of unfamiliar gray clouds that shut out the reachilists.

In balf an hour the hright mirty glow of a million lights was bursting through the hase hefere us. As we neared the shore a floating craft passed us. Her wide decks were abhase until light, and we heard ewift throbbing rouse from her. Other bright lights dated through the clouds above, but we were not

darted threagh the donds above, but we were not maketid.
Without accident, we reached the shore. We fare approached a brilliantly lit garden, with any feetal crowds moving theorem it, threeping amusement mathiese in a thomise pairs of fight, while havel music glared and etectorian loudspeakers themdered out atvertising shopons. We zam up the heart for half a

very start and prove the fact of the fact of the control of the description, where there were direct of the control and the control of the control and the control of the c

In an long we wave lost in the gay, restines crowth of the amusement based. We entered a colonial, gies armseed billions, electer and tall as a heavy peak, that towered up in a biase of electric fire. We mounted as detwater to the fifting stages above the recei, and there took a grivate about to the Chicago offices of

Transo.

Lafolicite, we soon learned, was in the great building—he had a suffice of rooms three. At first the severation retrieved to oul him my, by means of a penetron received and the second of the second word was enough. In a few minutes we ware received as henced gastes in his private rooms.

It was the first time I had met that great friend of the mecon-species. He was only of random height, less the monopoles. He was only of random height, less the monopoles. He was only of random height, less than the second of the mecon-species. He was only of random height, less than the second of the means of the second of the means of the m

immuchishly denesed, he leoked the cultured artisticate that he was. The quiet richness of his rooms revealed unostentations good-breeding. He witcomed no meet cordially, with a quiet electivy. He inquired engestly after Warrington and Gardier, who were old friends of his. His quye canapsed with indignation when he heard of the destruction of Kurrukwarring, gleaned with satisfaction when we

"And now the meaning of Massably's fleet, and the ready to scoops the aid I promised Gardiner" he asked us fraulty when our measages were delivered. "She is." I sold. "I am examinationed to be your

"Good," he emiled. "We can begin gathering my forts in the merning. Fin sure your services will preve vulnishle, for I've never been to the moon; and I trust you'll find me an easy master."

It was late when we retired to the excellent rooms he provided, and by that time I felt much hetter as-

It was not with the retirem to the acceptant years provided, and by that time I felt much better acqualitated with the published gentleman who here a hardes a friendfully for the more and fee illustryradio set that Lafellette had privately installed in the building—I could not mee the public electro-phace, of course. I cent two short messages, which were to mess neithing except to their owner recitients, and

which no answers were expects.
The one to Donne van simply:
"On the lake May 26."

And on 5,678 maters I sent this call: "Trance Building: Chicago, John Adams." During that day, I fear, I was of little assistance to Lafellette in his secret collection of armed troops and supplies of war. I spent most of the time on the stage at the top of the building, ecanning eagerly the faces of the endless lines of passengers that dis-The sun went down, towny and red in the saffren west, and duck settled upon the stark buildings, lighted by the pale flood of silver moonlight, and by the dansline sleam of man-made day upon the heav ways and

the hazy gray sky that is so strange to the visitors Until late in the night I waited on the platform, feeling new hope when each bright light shided down from the sky, and falling anew into the nit of deepsly, when

each great liner rushed up and away without having buided the dear girl I awaited. And she did not come.

need for effective operations.

The next day I was husy, and could not meet the lipers. I spent the time in conferences with Lafoitette's Restantanta discussing conditions on the moon, the present state of political affairs, the military tactics which Warrington and Humbolt had found most effective, the supplies and equipment that an army would

taking to collect and arm a force of forty thousand men, which was about as many as our flort could carry, In addition to the equipment and supplies that his own troops would require, he was gathering immense needed on the moon, which could be obtained only by importations from the earth-petroleum, subber, etc.

design, which would prove a great same for field operations, since ther were mounted on light atomotored That evening, Lerods had still not come. I broadeast both my brief measures again, on the chapco that

they had not been nicked no. We had been on earth two days, and it lacked but three of the time set to embers for the moon assin. in, being stored in warehouses along the lake-shore, many miles shows the busy pleasure and commercial sections of the city. There it seemed that we had a fair thance to ambayk at night, without discovery. And it

we were discovered, as Lafoliette said, we could fight on earth as well as on the moon. The troops had been mostly collected, and were quardown the water-front. We secured a number of motor After our work was done on the third day, I went

back to the landing chare on the roof, and met each liner that came in until long past midnight. A great my first call, ohe had had time to come half way around the world to meet me. That night, after I had some down to my room in Lafollette's palatial suite, I toused sleepless with the fear that comething had harnered. She might have fallen victim to the implacable spics of Metals in the year since I had left the parth. Or she might have mot some accident-I was the victim

of a thousand gloomy speculations. On the next day I sent the call again over the private radio. At the rick of inviting the attention of Metals. agents, I made it a little more definite. "Leroda, I am waiting. Trance Building, Chicago, John Adame." On the fourth day I was busy with Lafolicite and Bris, going over the lists of cargo, and planning the leading of it. That day, and the night, and the next had to be made under cover of darkness, and we worked all night. But paradoxically, on the end of the last day, the vellow our seemed to plunge with fatal speed toward the rim of the pele sky. It set. Duck fell. Lafellette, Bris and L and some of the officers, ate a last hasty meal in the great dining hall in Tranco Building. Lafoliette gave last instructions to the secinterests while he was away. We took the elevator and were shot up to the roof stare, where the private flier

force was gathered While the others were setting aboard. I ran to reake a last inquiry, found that the through liner from

San Francisco was due in five minutes. It was a heat chance. With road-natured withlolens, Brie and Lafoliatte granted my eager request to wait for it. My heart drummed loud in my care when at hat I saw the bright lights of the ship cutting through the yellow haze of the westward evening sky. I think a guard held me by the arm to keen me off the platform until the long silver liner had come to rest. Then my heart gave a glad lean, and I trembled with

incredifione lov. For Leroda was the first to step out Lafollette was proving no mean ally. He was underof the slender steel buil. Esgerly, she terms running narous to meet me. I kept toward her, seized her arms and acanned her dear familiar face. The lines on it showed fatieus and worry. But her dark eyes were alight with a great gladgess.

Impring the neary growd and the hory attendants took her in my arms. Time passed in obliviou until Bris was by ray side, suggesting that we come aboard the flier, so that we could be off

"Sorry it took me so long," Leroda said, "I was in Hone Kone, I took the first sero-liner after I heard you. We ran into a frightful etorm, a typhoon, out in mid-ocean. A freek wind, that had not been recorded by the Meteorological Service. Motors were corrstrained in pulling out of it. They burned cut, and we came down at see. Had to wait hours for a slow surface

bost to find un and tow no to Hawait" flier. I gladed swiftly forward across the bright story. and shot into the dusk. Northward we sped through the gathering darkness, with the colendid towers of fire that were gigantic buildings drifting past beneath us. As we went, the lights grow dim, scattered, gave way to a sheet of darkness.

Then we had landed by a dark lake-share. Second of men in uniform were hustling nervously about, and great piles of crates and boxes were stacked up above the water. By the old plers, which probably had not loaded and covered with white tarnantina, with alert An hour went to, with mon hurrying about, loading

boxes and heavy sacks on trucks, and unloading them again. It all was confusion to me, and it was all in the vague twilleld-a half-light that centra very strange to one from the moon, where it is always either binning day or Styrian night. There was an undercurrent of

What if Doese did not come? He had not appreced the message giving him the date, had not been expected to do so, for that might have betrayed his position. Nothing had been heard from him since he dropped Bris and me on the lake. But that hour named pleasantly enough for me I not with Lareds in the dier, listened to her vivacious

account of how she had spent the last year, told her something of my recent adventures on the moun I was overloyed to find her ready enough to go with me to the moon, in the face of all the persis of the

It had been dark an hour when one of the houts that had been out acouting on the lake returned with the welcome news that twenty visit slobular shins were

floating up toward the shore, upon the still water. Then it fell to my lot to go out with a signal light, and establish correspondention with Donne, Lereda valiantly insisted upon going along in the motor boat seres five or six miles out when my cautious sixuals

Five minutes later the massive bulk of the Council was shutting off the pale stars before us. Guided by my flickering electric torch, the gigentic ship glided un before us, and I ran our little bost under the airlock. The elevator care was let down in the gloom.

A few words to Drone, when we had been shot to the bridge, outlined the situation. He gave orders that sent the first drifting to within a thousand wards of the shore, to he there with muffed riding lights until Lafellotto's men and supplies could be carried aboard. He received Leroda most chivalrously-then offered, with a orin, in his carnelly as captain to marry us for nothing. But we had decided to let that walt until

Soon the long line of shins was in position, and the the black water from the old docks. Another three hours, and the work was done. Lafollette had come feet was foeting out, low over the dark lake, Doore gave an order; stomals flashed from flier to filey. The pale fire of the atomic blast letted flercely

from the repulsion tubes, driving us out into space CHAPTER XXII

When the Comet Fell

THE voyage back to the moon was a wonderful time to me. Never before, except for that tootime to me. Never before, except for the brief period at New York, and I been much in the company of Lerods. Sometimes a space flor is a dell prison, of frightful monotony. But that wonderful girl transformed the Comet for me, into a paradise, a radiant garden of wonder. We strolled the ray-tube decks together, hand in

we could sit together for hours, unmolested. We spent endless periods in the bridge-room, watching the ancient pended in infinite space. We talked; we saw "stereo" pictures; we read poetry and romance. But the most

drinking in each other with the sensor, almost one instead of two. Lernda told me the story of her life. It was far from a happy one. Her father had been killed when she was a haby. Her mother had been bounded about

death. She had been spirited away when Leroda was twelve years old-sto die in a secret prison. The girl But sorrow and fear had not spailed a sugar, cheerful nature. Now we looked forward to a life that

would bring her all the happiness she had missed. We dreamed together of the home we should have. Sometimes she sang to me, her marvelous low rich votce vibrating with measureless yearning, borne out of sor-We were by no means to cornelves all the time With Lafollette and his group of brilliant young officers from earth aboard, things could hardly be dullagers of space as Leroda and myself, and suffered considerably from space-sideness. There were becaused

row on golden wings of hope,

Of course the serious plans for the conduct of the war were point forward steadily. Every day I met

with Lafoliotte and Doene and a few of the other offeren for a conference that took several hours. Lafoliatte was full of suggestions, and by the time we reached the more, a tentative plan of action was quite We planned to divide Lafollette's men for the time

being, sanding about half of them to Colon and half to Theophilus, one continuent being placed under com-We reached the moon without accident, after a passame of only fifteen days. It was about noon of the lunar day when we landed

The sun fell in a white fixed upon the jugged hinar wilderness. We came down at Firement. I had been a little afraid the city would be attacked in our obsence; but the silver disk of it lay by the dark craterrim, bright as a new coin Deane brought the first down on the level plain just before the main siriociss. The men, who had

been crowded in the transports for two long weeks, accustomed to lunar conditions of gravitation and barometric pressure. They were decloyed about the burning desert for a bit, and then permitted to viets the city, where the inhabitante gave them an enthuriestic ovation. There had been, of course, many cases of space-sickness; but the medical corus had eared for them efficiently, and the morale of the

With Lereda at my side, I got off the Cornet as soon as possible, and hurried through the airlock and un to father's office. Since she had fixed on the moon before, the bright girl manifested no inconvenience from lunar conditions. And attired in most white garments, with her dark looks drawn up under a cowy topi, she looked the very picture of exultant health

We found father in the same specious, bright room where I had spont years at work, with the familian broad rich desics, and fine familiar ruce, the same curios on the walls-atranga things from the far piaces of the racon-and the same atomic heater, contrived to imitate an old-fashioned freeless of earth. irradiating the great room with a raddy glow, Father stood by a broad window, looking out upon

the west bond of the cruter, with its acastered shafthouses-now as nest and gleaming as ever, for hardly a trace of the bombardment was left about the whole A little stooped, my father was, with a wealth of silver heir. His face was a little more care-drawn then when I had last seen him; but his smale of joy, when his keen ayos perceived use, transfixed it with a luminosity of love.

He came to meet no with the same ordek seto he had always had-and grashed my hand in his. I introdused Leroda, and the worm, genial sincerity of his welcome made the methoriess girl feel at home at once.

Then we went to find mother, in the hirtnessess in the glass-stromed leaves above, sevelocking the unites in the course and all the econtry about—the Ny mother was sixture in the multier find of sunlight that streamed through the great windows, examing it think. A white-haired lady in lawsorker, eight and fraid as always, but bright of eye and strong of little of the great windows and the same of th

There I presented Leroda. Mether belond at her knowly for the mercut instant, than smilled and took her in her serms. As Leroda afterward told me, she found my parents "more defightful people."

Presently Valence came running in, a preity young marron, with little Tommy with her. Ble gave me as warm and sincere embrson, and received Leroda with statery containing.

where not infered emission, and recover here a statetry conflict, in the same long, bright disting room—it was justical to me to see the walls had been to be a superior of the same long to the form the tiful distance, with the shorts on the members had been used on festive occasion ever after I first remember. Then I left Lernda with Valence and my mether,

and were down to see about my delite. Telekan had been waiting, with the usual Wittpublic from Warcington, or. T. Marrior that Piercenet was the new warrior. At confidence dust in blass, a small transit had been sand from the copy the end of the greed warrior. At confidence dust in blass, a small transit had been sand from the warrior was to be biogenered assist. The Assembly had moved to Piercenet, and were there. After our service, a series of canderscene were back to further sequints Leifstate and his effects were back to further sequints Leifstate and his effects of the confidence of the forther confidence of the confidence of the confidence of the forther confidence of the confidence of the confidence of the forther confidence of the confidence of the confidence of the forther confidence of the confidence of the confidence of the forther confidence of the c

AFTER the troops had rested two days as a stressed, they emharked again, upon afnetoes of the vensels, which were divided into two floets. Nine ships carried Langley and his men to Colon, the great city by the Appenince, where they could drill with Hall's forces. The ten other ships carried the remainder of the usen and supplies to Warrington, at Theoretilus. case of a surprise attack from epace. The conference was still in session, and Lafolistic, Doans, Greenville, and my father were deep in the new plane. Gardiner, who was still with Warrington at the cruter city, was to return with Bris, who commanded the ships cent to Theophilus, to lend his support to the conference. Plane were under way for "forcing an iron ring about New Boston"-as one eloquent young speaker put it. Lafollette's and Warrington's forces were to close in upon Humbolt, while Desne met Van Thoren's Sect in a decisive engagement.

Leveds had a gentla for getting into the thick of things. She attended the assembly meetings, and comknew meet of the delegates. She set out to device a "seed" or thag for the moon. She made a model—sha design was a with creecent, with "the old moon in its arms"—and had me present the idea to all the delegate it met.

Naturally, with no many young officers from earth account the social life of the little town was rather fewerfully gay. Lerods and I twee together at a good many affairs, and had more pleasure in staying away from others.

It was about that time that the "Riderwide Maceaure" took place. It was not an important incident to itself.

termination of all of us spen the moor. The nearcentartepic to a many improtent run, that came as a result of it, easy impressed it more strongly upon The two fleets had been gone for anot time, the Greet length the only war-fire left at Finercot. The spayal came from Delberda, a small mixing wellboard spayal came from Delberda, a small mixing wellboard coll came by radio; and the interference of the surfdirect rays, which make radio communication incomdition to the control of the control of the colter of the collection of the collection of the foods of the collection of the collection of the foods of the collection of the collection of the foods of the collection of the collection of the collection of the foods of the collection of the collection of the collection of the foods of the collection of the collection of the collection of the foods of the collection of the collection of the collection of the foods of the collection of the collection of the collection of the foods of the collection of the collection of the collection of the foods of the collection of the collection of the collection of the foods of the collection of the collection of the collection of the foods of the collection of the collection of the collection of the foods of the collection of the collection of the collection of the foods of the collection of the collection of the collection of the foods of the collection of the foods of the collection of

perhaps. But it had wast concequences in increasing

the arder of Lufallette's men, and in etecling the de-

toward the west.

Since the moon has no "Heavriside keyer" to keep
the waves reflected back to the surface, the extreme ratings of a ranke set on the moon is little over twobunded miles, under the best conditions.

"Kallarbah are..." if ran. "Kallarbah million moon-calves... marching. West. D-rays men with them... space units. war-firers phove.

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In summed incredible to Laffedities and his officers that
In summed incredible to Laffedities and the laffedities
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Assembly voids permission for the Cenef to ver. In an hour after the cild hal cene, we were should and rising.

Deans was in command of course, and Lafellette to the course of the efficient of the course on the mont to learn the set of verse and the course on the mont to learn the set of verse as ascertage of the mont to learn the set of verse as ascertage of the course of the course of the course of the Lafellette.

and seems of signated exclusions. One case gracing many control leaf should like given fass, christopy obeying the eleveratmored men mounted upon a few of their leaders. Many of the creatures courfied ling, sheaker D-ray tubes.

As we came in view a little group of men was making a deepwate strong to reach the city walli. Watching of the score falled the country of the score falled watching to the score fall stronge of the score falledwar. There we may be given through the control of the score falledwar. There we may be given through the control of the score falledwar. There we may be given through the control of the score falledwar. There we may be given through the control of the score falledwar. There we may be given the control of the score falledwar.

there, in regard working clothing; they must have been miners from some colleging proposet. By way of arms they carried only a few hand D-ray drilling mechins. They put up a heree defines egalast the milling bards of searlet monotors that cheed about them; a herpic battle, econ over, over the case of the colleging of my, rending them time quivers, bloody mercels, artifly

erosted in terrible jaws. The savage beings fought was assume themselves for the pitting fregments of red fisch and bloody ray. Lafelistic and his fether officers were smared and horrified at the sight—after this "Eccember Elicondo" was a wavery assume the mn from sorth.

THE Scientiscs had surrounded the bright-walled city, were taking it by storm even as we come in eightand Moh above the solistillation toof burge three titles. And Moh above the solistillation toof burge three titles share-raint of the atomic blast. This picereing rays of dame-raint of the atomic blast. This picereing rays of even and green and comage stabled from them to the broken walls; and the vact firming appears of the diintegrating storm overtoom, forwards at over 200 and the storm of the storm o

Science. Eliforndo had been potifully unprepared. There had been one generator of the yellow fan-ray, and a single prejector of the atomic vortexos. And the deoperate habitisents had heated a docum Dray mining measures from their places, to serve as weapons. That was all the arrowment they had against the multiplied thousands of helish, gigantic benups, and the three war-

again to mana, poganic recaps, and us at once, while the other two kept up the homized-man of the little town. Our improved ray-projectors, with the precise delill with which our crew handled them, assured us a promy vistory. In five minutes the other ship fail in farmer, a wast, turidly glaring moteer. It struck mans the city; it must have created builded to worge

attack west on regardless of the incident.
Both of the remaining rhips came to take the place
of the fallon one. Danze faced the situation with usual coolsess and skill. It refugrates war-fierer were
our equals in size and symmetric though perhaps our
crews were a futub better trained. And cortainly the
internation power of the polic atomic blast was an
For come minutes we generated and the property of the
For come minutes we generated principles.

faming recteate, without vasile result. The occupy there snamepot their fine-rays to cleverly that such screened the efficiency of the control of the conlocate fought a furfice bettle, to wis in time to new terrific storm of findering polychrostotic fiance. Abruguly there was a shuttering explicit below our filer, and it was plunging down in selecting Highst. It is the control of the con-

recens that an exploding vortex has inspured the atomic biast prejectors which supplied our power. A few moments later it seemed that the treathe was repaired, for our full was cheeked, and we were quickly back at our former level. Meanwhile the immunerable leaping red hordes were closing in upon the city, in defance of the despretadifferens. Ray tubes graved in the singularly enthodes

of the Salenites mergy the values wells and towers, despite a force for from widow and turet.

The mono-cales must have found entrance through the belos term by the explosity vortexon. Great learn carried them like titanic hearing, mosets forward to the coff. For a time the degring, models flow you from

the converted mining apparatus sweet low upon them. One by one, those rays went out. Eddrado was at the mercy of the KaTarbah, most territise of the wild monroulves. At the same time we were desperately engaged with

At the same time we were desperately engaged with the two war-deers. With a during magnurer, Deans fashed in between them, caught one for a moment unguarded, as the fan-ray was shifted. He fired with a

Below us, the Scientise were pouring etaodily into the conquered city. Most of what happened we did not see; it is good for our peace of mind that we did not. Few eights that I have seen are more terrible than that. Glutzning, souly, orthone things, green eyes rulm for the hotfies of dead and dyring. Long, writhing, and tentained original poor, which have desired the most being being and the fiving and doub, build a read to be monature decoursed Bring and doub, doubles concluding this rod was in their powerful teeth.

In the contract of the monature being up to be double the contract of the first teeth of the read of the street of the street of the street of the first teeth of the street of the first teeth of the first teeth of the street of the first teeth of the first teeth of the first of the first

and fame. It spouted up, hung for a long moment in the air, and fell in a rain of ruin. Only a vast, burned crater was left. Of the tens of thomands of attacking Ka'Lerbein, only a few secre creased the desparate revenues of the conquered city. All the rest want up with the force of that mine. Perhaps it was ont off by the last nurriver-

the water will never a contract the contract that the contract tha

We set out for Firecent at cose, with the generaters working most uncertainty. Despite the frequise effects of the augment, the these projectors failed to All inst, when not mere than after the distance had been covered, we were forced to land. The sam was not over twelve hours blick, and we have suit was abouted—we had embaried in the greatest hours, it was abouted—we had embaried in the greatest hours, it was forced, too, that the half of the fire

but was about—by less effectived in the greatest was about and and the set of the set of

N OTHING remained except for according to attempt to reach Pirecrest on foot, to send hook a relief party with space suits and with special webling equipment for recurring the lexition buil.

After some hedstellen. I responded to Decear's call for valentaters. I thought that, of all the crew, I had had more experience in travel on fost over the inner clearest than any other. I selected two man to go with me—both young follows, but of considerable experience as receits in the least witheress. One of them, named Payra, I think had lived from about the use of them, respectively. I then the selection of the payra of the pa

a rugged young Australian, was said online to the shoot as a showard when he was fourtien.

The two of them accepted my sholes ealinly, though it amounted altiset to a sentence of death. A very few minutes case us ready—every moment was precision. I shook hands with Lafellette, and with Donne, who whisreard a better word of consumement, Then I was

cuttists the air-look with tanned young Payna, and the red-faced, raw-bened Australian, Lieutenant Geridi. The sun seamed hardly more than the brasish of its own disk above the black western erags. Like a sphere of white fame, it show with a treaty, darding bril-

hrain. "Not for me. . . . For Levels. . . . For father

and mother, . . . For the men on the Coust, . . . For

a frozen grast. And the pale lights of the city beyond Gerald fell to the ground, sprawled in a little hoddle

I saw the metal rim of the great valve, gleaming in

"Come on." I tried to say. But a sudden feroe nain throbbed in my threat. Bleed guided out of my mouth

from on my face. Payne bent futility over the fallen

man, feebly tried to lift him. Then he, too, fell in an

curtains of cold. On-fighting intangible rivers of

cold. On-while my body screamed with pain. On-

marble in its crust of mow. I fell aminst it, hammer-

my it with hards that had no feeling. A great dark

cloud obscured my vasion, and I collegeed in infinite

The great valve slid open as I fell. Strange figures,

grotesque and gleaming like men of metal in the

allegred angon-suits, were clambering out. Duickly, ten-

derly, they pirked up my fallen comrades and myself,

carried us through the valve and down into the warm

fought for my voice. The guards who had rescued us

saw my struggle, poured powerful stimulants down my

throat. I recovered epough strength to stammer out

Lafollotte in it, and to give directions for finding it

"Rris is back with his filees," the quards told me,

A great gladauas came over me, like a welcome food

When I woke again, I was in a small white bed, with

of warmth. We had won. Lafolictte and Dosne and

the Cosset were taved. I nateed into a deep and undit-

Leroda sitting beside mr. She was almost ridiculously attentive, but it was exed to have her near. The ex-

posure had been rather hard on me; I was in hed

several days, with my beautiful fiancie, or my mother,

Gardiner came twice, great, kindly man, with him cheerful sents and his news of Warrangton.

Bris, with the filers, and had no difficulty in locating the Cornet from my description. The crew of the

weeked yours had been transferred to enother fifer.

with thanks for the dreadful trap through the night-

My own condition improved rapidly; and when the

or Valence with me most of the time

Payne and Gerald were unconscious, nearly dead. I

I left them atrusted on. On through dinging

I reached the metal door, a thick cylinder of freeted

attitude of weaty abandon,

for Leroda-for .

without delay.

"He can go."

drew my light tunic close shout my shoulders, and "Thirty rides." My line moved to form the words. but little more than a rusty grating came. "No hacking out now." Garald whispered grimly.

other words were last. Leap . . . leap . . . leap. Each leap was a terrible

age. Blocks of leve vattled beneath our feet. I heard Hours passed, frantic, desperate hours. The immense silver half of the flier soon dropped under the near heri-

con. The sun crept down, with relentions deliberation. We had covered the better part of the journey. I recegnized the cetistry southeast of Firecrest. Then, like

the fineer of doors, the slander sture of a western reak was drawn across the bright face of the son. Night fell swiftly. The sun darkened from a cold white appere to a hell of writhing red, shrouded in a freezing reint of energy. White fishes danced about ps

in the friend air, covered rocks and emters with a crystal layer that hid obstructions so that we often alipped and fell A high, bitter wind sorang up, plercing our scanty

corments with a painful sword of cold. A thin, steelblue mist of ice flew upon it, biting our blue and trembling limbs. When we breathed, it seared our lungs

It was the utter cold of space, descripting upon the meen. Cold that grassed and pierced and convenied. Cold that stopped all life. Cold that from even the sir

to silver powder. Cold that was merciless, unthink-Cold grasped at our limbs, hung about our waists, weighed on our shoulders, dragged us down. It cut

into our hodies, gnawed at our hands, bit our faces like A frigid, leaden mitt, of fine snow and frozen siz.

thickened gelidly all about. It hid the deep and bloody giare of the heatlest, dving son. It wrapped us ciose, leaving a silver crust of frost upon our bodies, hardening our garments to stiff, crackling, freeen armor.

Our breath fress before us, in clouds of timy, slitter-Above, through the mist, the earth was vaguely visible, a bure luminous hall, warm and even-but far, far away! I thought confusedly of my days upon it, of worm winds, warm blue seas relling beneath soft

whore trilling bird-sougs sounded through sweetlit with the ruidy glow of heaters, of tables loaded with

A thicker wite of freezing mist hid the earth, and to the cavern, where it was now being required we least on in growing darkness, and in utter silencein the darkness and the science of death. White rocks, Lieutenant Gerald, who were in the bespital, doing

of death—silent, ghostly white, unthinkably cold.
On we leart, and ages fied. The fluries of fulling sorw grew thicker. Payze and Greald becams white gheats, red-faced, puffing white steam. The air grew thin about us, exhausted by the freezing. I fourth

of space crept down. Cold stars lot through it, danced

was arony, every second an are of hell, paradise. Every leap was a heart-breaking effort against that fatal lure.

As I leapt a little refrain boat through my numbed

I wan able to go slong. A swoft and uneventful voyage We were greeted with a wild ovation. The whole airclock to meet us with a thunder of unloans. War-

AMAZING STORIES QUARTERLY XXIII D-ray would be no more effective than would be a beam

The New Plan

WARRINGTON met us so we entered the air-lock, his absolution still erect under the load of respectability he here, and his eyes atfill undimmed with ears. He greated so warrally, and we were taken at once to a hanguet in honer of Latoliette. Fellowing that was a conference, in which the stand that finally that was a conference, in which the stand that finally that was a conference, in which the stand that finally that was a conference in which the stand that finally that was a conference in which the stand that that the finally standard that we have the stan

at once to a hanguet in honce of Lafolictte. Fellowing that was a conference, in which the plan that finally brought votery had its high. Warrington apoke to us, in his quiet, dignified manner.

"There is a plan that I have long had in mind," he said, "to turn against our opponents the natural elements and to let the drawflul night of the moon strike a blow for likerty. There are clostacles, however, that I have never overcome, though I have attempted the

think is our bac two campings.
"Twice I have succeeded in catching Humbolt out of New Ecoton. On each consistor, I was unable to held him satell it would be too lake for him to return. Once the state was to true him in a center—If was the one in a strong office. A Dundred have fellows had veinimetered to estay and hold the pass, if Humbolt could be trapped inside, hough the costing of the sight would have meant death for all. Humbolt was to think that he was the strong of the sight would be presented to the strong of the sight would be presented to the strong of the sight would be presented to the strong of the sight would be presented to the strong of the sight would be presented to the strong of the sight would be presented to the strong of the sight would be sufficient to the strong of the sight would be sufficient to the strong of the sight would be sufficient to the strong of the sight would be sufficient to the strong of the sight would be sufficient to the strong of the sight would be sufficient to the strong of the sight would be sufficient to the strong of the sight would be sufficient to the strong of the sight would be sufficient to the strong of the sight would be sufficient to the strong of the sight would be sufficient to the sufficient t

fliers saw my main force marching away beyond the creater, and that gave away the plan. Humbolt hurried hark to New Boton. "The idea in obviously impractical, while the carmy has a feet. But the new flers, under Doane's skillful command, might cargue the duc of Van Thorne while the action on the surface is carried out, or, at least, wery these enough to keep them from interfering with

The plan was thoroughly discussed, pro and ces, but no definite action was then spon it. In fact, it seemed that no one was able to suggest any practical means whereby it might be carried out.

Toward the end of the meeting Gardiner brought up models subject—that of a revolutive range against the

Toward the end of the meeting Gardiner brought up another subject—that of a protective armae against the Doray. It appeared that the old cavant had been working on the proteins for some time. He had the nathiematics of it well werked cut. On a blacktowic set up on the rostrum, be filtuated his talk with drawings in colored chalk. "You all know," he said, "that the destructive action "You all know," he said, "that the destructive action

of the D-ray depends upon the flectuation of the overall frequencies that compose it, in cycles inradially apple, so that the electronic vibration is enormacistly amplified in the substance under the my, until 30 is hierarchy shaken to the singler atoms of the lover smooth when the frequency of the ray is adjusted in harmonic with the natural period of vibration of the electronic in more greater than the composition of the period of the in more approximately approximately in the period of the in more greaterist humanor. He advantage depend draws

in more electric language. He astroned course of rawings of the atom according to the litted theory, with a detailed discussion of the process by which the highfrequency D-ray breats it down, with the evolution of the inert gases of the helium group. Finally be concluded, "As you know, any etheric vifraction can be careled by another wave of the arms

Finally be one looked, "As you know, any ethoris vihration can be encuded by another wave of the amount frequency and of opposite phase. That is the yeliacities upon which the faveray is based. Now it have the foliation omething new. It would be a paint of some kind, which would above part of the energy of the D-ray, and re-robinte it with outh a wave-length as will corosal a vital part of the D-ray. Against upok an arrave the

of ultra-violet light. As I have demonstrated, the mathematical part is already secoled out. There remans a good deal of research to be does, to find the sand, chemical compound which will sarve or need, and the same of the same of the same of the same take it can be done." The Assembly was estimated in rotting approval of Gardinar's plan. Funds for the work were put at the commend, and he was reged to plan the take with all

cosmused, and he was urged to push the task with all pocable opend.

When the meeting was over, I went to him and offered to undertake the lateratory work—the great Limanus, was no valuable as attachman and disjoinat, that he could

to undertake the shoratory work—the great Lunarum was so valuable as estateman and diplomat, that he could fill be spared for months of included work. With a grin, he informed me that he already had me in mand for the task. During the long lunar day at

Theophilus I worked with him over the mathematical points involved, until I was sure that my understanding of the problem was as clear as his core. This he ere or two move devices for me, and suggreed in detail the method of records to be followed. The Firmered curves seemed the legisla place for the separitems work; and it was agreed that Donne would curry an there, where the core of the problems of the control of the right.

Manwitte, Warnington want afield with Lafeldein. The campaigns of the day were not improved, anousting to more alterniables and goardle warfare with illumination to the supplied of the Machan. Our more were safely back at Tacophiles here before sunset. The more from earth were getting valuable training, of course, in losser military tactics.

The sun set, and Decen duly corresped me and my new

receipts with Level and father and mother, and fell to my work at one.

Levels had finished her new send, the createant "with the old moon in its arms," surrounded with a ring of thirteen stars, to represent the thirteen incorporated of ettles. The send had been unanimously adopted by the

of thirteen stew, to represent the thirteen incorporated either. The seal had ben unsatinceally adopted by the Assembly, as the semblem of the new free Mont Corporation. It advents public buildings and decement of state, and as a fing with the ground, it was curried at the bead of the arrates of the proce.

NEARLY a year work by. I worked as hard as I have even the property of the work of the property of the propert

The work wat my to minima without its communic or curring and. After the mathematical details were complete, the experimentation consisted mostly in making a composed that satisfied the known requirements, painting a slab of rock or metal with it, and softening painting a slab of rock or metal with it, and softening painting a slab of rock or metal with it, and softening painting a slab of rock or metal with it, and softening painting a slab of rock or metal it, and softening painting a communication of the state of the state of the slab of

fixed, or vanished in a pull of vapor. But some of the orishistance we wearled out secured to as a establyria to increase the violence of the distinstration. On one constrain houseless rubick had been aprayed with a mixture of mercurous floorids and calcium leveride exploids with such dearling violence, that our is both the such as the such as the such as the industrial processing the such as the such as the assistant, a more chap samed Stanley, was withind. The

over on me. I suffered nothing worse, bowever broken arm and a few minor centusions.

Ry the time I was able to be back at work, my fellow experimenters had most of the equipment repaired or replaced, and we went on so before. That was only the Meanwhile, Warrington and Lafollette and Gardiner bly. Military operations had not been important. But Lafelistic's veterans were now used to lunar conditions. They had mastered the "moon-calf" technique of guardis warfare; and the raw lunar regruits, training with

At this time the strength of the Tellurians was still ecocentrated in New Boston. Humbelt had nearly a hundred and fifty thousand men there. Ourgoed to him were Warrington's force of about sixty thousand men. Lafollette's forty theusand, and the army of simost

Steadily, out of long hours of patient conference, grew It was shout this time, too, that Tom Dowling, something of a post, composed the words and music to the liner sathem, "To Ye Lunar Hills Ahlaze," He had boowte or offere in the float to the infinite arriver and pride of Valence; he had been on a ffler that rescued Inspired by night of the crude little fortification, dethem, he had written a fervent, ringing bysic of natrictism. The song spread over the moon like a new wave of

bope. It was sung in the streets, hummed in factories And Tom proved as able an officer as a neet. By the and proved his spars in victorious combat with a acout-At last I was successful in my research. I found that a manner as to cancel it by interference, no matter how imally thin layer of this barium compound, and exposed

to the D-ray, were not affected, save for a moderate The principal difficulty in the process had been to seperate the isotopes of barrum. Since the atomic waight of barium as 127.4 and since all atomic avoights of sample substances, with the exception of hydrogen and a few others, are whole numbers, it is accordent readily enough that barium is composed of several isotopes, of different whole atomic weights, whose average is 187.4. But since the atomic number of each of these is 56, their chemical properties are identical, and it

A parallel case is that of chloring. Its atomic weight composed of two isotopes, of atomic weights exactly S5 My first experiments with barium had failed because

of the presence of the other isotopes, which disintegrated under the ray, destroying the armor. Ref. at last I devised a method of using the D-yay itself in removing these, leaving the pure isotone I required, of Warrington, Gardiner, Doane and Lafellette were at

the time in Firecrest, still working on their plan of campaign. I called them down to the ishoratory when I took the two metal bowls in which my simple breakfact of fruit and the liquid synthetic food combination

Focusing the D-ray, which involves the synchronizaticular substance to be disinterrated, in a rather slow As I now worked over the tube, I spoke to Donne about the used of quick focusing to military opera-

projector and began focusing it.

seconds of difference, in the time required to focus the rays, might turn the facue to victory or defeat in a "Leave that to me!" Doune said, grinning, "But so ahead with your demonstration At last I got the my focused. I closed the switch,

up, with a white flash of flame. The other was hurled a dozen feet by the explosion. But it had not been affected by the D-ray, save to be alightly warmed. Donne gave vent to a wild vell of enthusiasm. Lafollette congratulated me, grasping my hand, while studing at me, while Warrington began a velley of "I knew you'd do it." he told me. "And we've swady to use it to the next campaign."

Victory

BEFORE the conference was ended, plans had been completed for the final companys. Before the ton and Lafollette and Gardinar back to Theoretilus, to drill and could their combined forces of nearly a horadred thousand men for the great attack on Humbolt at I stayed with Donne at Pirecrust, where the fleet

was buing made ready for a decisive action. Acting upder Warrington's orders, we were preparing immense quantities of the bromofes and chlorides of barrism. obtaining the metal by treating ores from a limitless deposit of barium sulphate in the Firecrest mines with the D-ray. The great machine-shops in the cavarra hurriedly turned out a large number of sprayers with which the protective compound could be registly and As part of the preparation for the coming battle, the _

war-fliers were thoroughly aprayed with the hestum habdee. That made them almost invulnerable to D-rays to long as the coating adhered, though the evalence atomic vertexes would be an destructive as ever, and it was feared that the violence of explosion would break the protective film, expesing the flore to the rays. Nearly a thousand steel drums of the barium helides

were loaded on the fliers with three hundred of the The luminous white cope of the solar errors was again in the east. Slowly the white binding eye of the sun came up in a sky that was a pail of Commerian darkteen, sparkling with a million crystal stars. The frost and solid air upon the desert once more rose in

thick blue mist, rolling up in turbld douds about the dark blue sky. Our preparation occupied us until well toward the lunar noon. Then old Jenkins, as queer and red and

AMAZING STORIES QUARTERLY good-natured as ever, appeared, coming in flying leaps men the scarlet elephantize M'Oh, with orders from

Warrington had left Theophilus, was marching on New Boston with his and Lafellette's forces combined Doone was to leave Firecrest as noon as possible, fly to Warriegton's comp, and accompany him during the rest of the march. We were to find him in the vicinity of

Smith's crater, where one of the earlier engagements

The great war-fliers were brought up out of the cavery-having been taken, for refitting and repairs, back to the cradles in which they were built. I parted

devoted Cantain Ton. During the long months at Pirecreet, busy as I had been, I had had roany happy moments with them all. New, so I embraced my father's ing up, it was with a heavy and suddening sense of the

the dear home of my childhood and to those waiting Then the brown gong sounded, and I had to leave them with a last loughing word of unfelt cheer, and to run through the lines to the great silver shin. A few

minutes more and we were drifting swiftly southward Six hours later we were in sight of Warrington's army, marching in long white columns down that read between Theoretides and New Boston that he had truversed so often in the progress of the war. Our filters hung low upon the surface, and kept to the rear, in order that the enemy might know of them no somer

Forty-eight hours later we were in sight of New Roston, beyond the gragged summit of Meteor Hill Walled and roufed with gioes, it was like a think sinb mountainous wilderness. It was say with the forest of

glistening towers and domes, with the bright pennons of Metals fluttering from them. The buildings at the grace-port segmed largely desoried. The fleet of Van Thoren was not in evidence at the broad landing place below the city. Our own

Warrington deployed his troops about the walls, and The movement had not gone far, however, when our telescopes showed a little owarm of white dets in the indice aky above, rapidly enlarging. Van Thoren had ping to attack. Presently the men at the instruments

amounced that there were fifty-six of the silver spheres Behind the ragged black mountain, Deane swiftly got his shine into position. He choss an odd formation -were in the center of the cube, as a reserve. In this

formation our protecting fan-ray screens would offer apart to interfere little with one another's fire. THE exemy fleet dropped for Warrington's ranks.

fact descended, thin searching rays and gleaning atomic vertexes began to fall upon Warrington's lines shout the sity. Such fire from space filers is, however, not very effective when the troops on the ground have fan-rays and are able to seek cover in the wild lunar Donne gave the order and our fleet rose from behind the mountain and came ranidly toward the Telluriana until we were within some five miles of the enemy-

against his great vessels from the Pittshurgh shops.

with their skilled officers and veteran crows. As the

Then the fliers in the ton of our relicencers cube, at Dearn's order, fired a briefling salvo of rays and vortexes. Three of the Tellurians alipped mosaward in incappearent ruin. The others peased in their decemb upon Warrington, and began to assume battle forms-

We continued to rise swiftly, with eleven of our ships firing acintillant rays and fisming vertexes. The bright yellow curtains of the fan-ray were extended like broad

rians went down, having been cought in unfavorable positions, where they fell quick victims before Donne's immerce inverted bowl, miles across. And the bowl Averaged dearn upon us, until the fliers at its rim were at our own level. The Tellurians had been firing only

full oren as from above, and from all about the rim of the bowl. Red rays, and green, and dezzling fingers of white stabled at us bewilderingly. And the vast flery globes of the storale vertexes....blue and purple and white, fell like hall suon the yellow wings of the And there were dark, invisible metal projectiles. leaded with fearful stomic exclusive-more dangerous For defence we had the fan-rays, played from each

vessel so as not only to shield it but several others. generally destroyed the atomic vortexes, and usually burst the explosive projectiles. But sometimes there were holes in the screens; and of course the other filtra Steadily the great bowl, formed of after ships, dropped lower shout us, ghytening in the sunlight and

mantle of doors. And the ships that formed the rim alowly drew together below us, so that we were soon completely inclosed in walls of wavering flame. From all sides we received the fire of the enemy, Only our formation naved us. Had it been broken, our leaves. As it was, we were simost invulnerable, Dozne's

study of those-dimensional tartics was paying a good Lettle groups of Tellurian fliers auddenly began sepdarting sttocks, in an effort to break up our array. plunging through our screen rays into the very center of the cube. It was burtling straight for the Coust, An

atomic vortex left our flagship-an immense hall of blue frome-like a solundid, blasting samplifie. I naw it strike the ToBurian globe. There was a terrific expiceive black of blue fire, angrily streaked with red. without ragard for us. I suppose that Van Thuren out against the side of the filer at the upper corner of

At the same time a sudden flare of yellow light burnt

our cube—a solid projectile must have passed its rayscreen. With half its side caved in, it fell crashly, narrow rays still binding from the.

The low of the akin from the strategic position at the corner of the cube brick our armor of fan-rays. I anticipated quick disaster. I was quite unprepared for Danne's next rows.

ARRUPTLY the space all about us was filled with the partial patterns, swiftly praying into water dominal of white states. In a morrori Dome had surjounded our best states as the thick white choice of the 20kg reproc domination of molitarities, electrically charged particles of multiple to a count's tail test of much denser materials.

The drone watering water of processors, but the country is the country of the country of the country of the country is the country of the country of

trically charged particles, climits to a comet's tail but of much denser material.

The dense swifting masses of enoisy vapor bid the Pollurian filters completely, though damping rays of rely realists and the completely, though damping rays of my and emerald and tops will burned through the regred closes. On the instant our arbite were in sortif welfor-

There was no delay I beans must have planned the mansiver far absent.

As the Couet emerged from the miss, an array abig an directly before us. There was a guide interchange of rays. The new Darry armer—the builder of harms of years of the miss of the state of the whole spiriture that these and twisted guidery of the wrote spiriture of the state of the s

who as integrals rea.

Out beyond, we passed to build another wast cloud of
dune, accounting analos. In a few mustes the sky was
dotted with these great masses of mist, Our physdurted back and forth between them, firing rays and
verticom at every opportunity. Denseth explains aspeared to be well trained in the dangerous week, and
commel to Synchronize the movements of this rights.

remarkably.

The measurem of the Tellurians were cleaner, plainly
Yan Thoreas was unused to this hids-sub-scale method
of slighting among the clouds of article. He was, without doubt, a courageous and shie man. But he did not
have Dours's persons, or Dours's persons on
saitle agrainst fearful odds. Instead of the guardian rechof stiffic and run, bit adopt armost fearful of of stiffic and run, bit adopt armost fearful of

one of which and rue, in some course agreeing in one open, ally to kin, at clear querters.

If men must have become confused, must have blundered. He attempted to save the day by macding bit flet and phowing through the dense clouds of vapor, awerding all before him. But Dense, with his must be fillion forcelight, coaded bis charge, and fell upon him to be a save and the confused from the cloud.

befillion frombile, coulded his sharps, and full spec. Only some tworth-old of Van Thursty abbest once on, is found in the sharp for the sharp

descent rule beneath our rays.

Van Thorn kept his degred courage to the end. His
flagship was the last of the Telluratan left—average
times it had been saved only by the memory ascride of
another which had rashed in to shield it. He made no
move to strike his colors. Instead, his immose ther
came suideely about, pumped madly at the Cover. He
was attenuited to your set before we had

he same on in topics of the few. Even when it was a plewing mass of wrackege, when all on beard must already have met a quote familier death, it promped on the contract of the contract of the contract and its fail of electry planned that only Donne's amazing contract and has quote break mass and or from that collision with an extract of the contract of the contract of the In a hattle that theil hattle seven hours, Donne had descrept difficient or the greatest wardines over half, with twenty thousand men and move upon their dexics. His row loss but flow surgeritalpy like—mly few also

A hundred rays were fastened upon his ship, but

destroyed and two more crippled. One ship had been struck by a satisf projectile, as I had seen, one rammed, and two hexquist down by the combined effect of vertoms and D-rays. The fate of the fifth, the Browns, has never been desdictely known—it was lost during the fighting in the space clouds.

Never, purhaps, in all space bittory, had a fact team so datainedy defeated, by a force numerically so much tensiler, and at a light a cost.

Denne had broken the space power of Metals on the

mosts. Humboll will had he firenesses force upon the greently but Von Thoreach flow would be larger support him or keep him supplied. And Warrington could now carry out his great plan, unhangesed from spore, more controlled the great plan, unhangesed from spore, with styling colors as coptain of the Striens. The Assembly subsequently averaged that a model for a brave and reconstructed managiners which had saved one of our reconstructed managiners which had saved one of our limitations of the string of

weath put about in the direction of Farcerst, and gre off at a bight rate of speed. After we had green a bundred miles or so, and the white walls of the city had drapped out of sight behind us, we came close to the contract of the and his force districts to the west, pitching as Latchiette and his force districts of the contract of the smith's cratter. We approximated New Boston space, landing about 4 fixen miles west of the city, where we were completely out of sight.

were compressey out or sight.

Evidently the whole maneuver bad been planted beforchand. Warrington and Donne must have weeked
out even the smallest details long in advance. The
nilifiation of the Tellurian fleet bad been but one item
of the view.

I DID not see the next managers of Warrington, I to a only give the reports that twent over the meen a few hours inter. The general concentrated his feeres just south of the city, as if phanning for an assault. His D-ray batteries fred diright, without doing much have

to the wall.

Finally his provided Hamiltonia to come out after him.

Finally his provided Hamiltonia come out after him.

Finally hamiltonia and thousand meet, to the hum,

described the history through the history of

been failers to let Humbold's uple inform him that Le

failable's faces were still far broad Theophilis. And

despectation to make the campaign. He had seen he

despectation to make the campaign. He had seen he

flest dictated. He here what his came was lest unless

the still a way appear for faces could crack Warrington

that his wayth appear for faces could crack Warrington

At any rate, he marched out of the sirbeds, well
44.000 ren, leveling less than 150,000 to defined the city
14.000 ren, leveling less than 150,000 to defined the city
14 would have been fully for Warrington to engage such
a force. But it was no part of his plant to do so. After
a short shirmish, our consumedor retired, with the apersonance of month denoted-provision and Derry tubes
personance of month denoted-provision and Derry tubes
The man, by that time, was only forty-eight bourse
light, Hamshidt know that it was too into for Warring-

AMAZING STORIES QUARTERLY

ton to march back to Theophilus; he thought he had his old proppert traceed to die in the night. Se great was his confidence that, when Warrington made a show of opposing him on the plain twenty miles south of the city, he sent an offer to receive our surrender, couched

Warrington affected to consider the offer. While sand of Warrington's men retired beyond the moun-Roston. When Humbelt become exacuterated at the

delay and advanced again, the remaining men beat a prompt retreat across the plain, and made a determined

Humbelt last several thousand men in vain and reckposed to D-rays from the ridge. Twelve hours later, when he had surrounded the hill at the cost of much leaving the heavy ray-tubes that had brought down so Now has secrets saw men making a great show of for-

tifying a hill a few miles farther on-white clouds of smoke and dust were rising from trench-digging machines. The secuts were fired upon as they attempted But that leat bill-shopeh Humbelt did not know it -was defended by only about two hundred mon, who had been equipped with space suits. Their orders were to reake as much show as noughble, and to keep the

Tellurians in their pursuit at all costs. Warrington, with the rest of the troops, was already between Hugo-Meanwhile, squat, red-faced Jenkins arrived at the rage of the war. He brought our orders from Warrington for the finel pert of the war-fliers in the great carriage. We ruse and proceeded directly to the city-

were to cooperate with Warrington in the surface oper-But those of us who had anticipated a thrilling action were disappointed. Warrington's and Lafoliette's forces, drawn up in an iron rime about the walls, had a most formidable aspect. And our war-firm alone

might soon have erased the city from the map. Everything was planned to make a show of force The officer left in command of the city refused Warrington's offer of honorable nurrender. The ran of in the walls, and the fliers dropped a few stome vorforward on the double-quick, with keen rays finshing

from their ranks, the courage of the defenders collapsed, and the flags shove the glistening towers signalled surrender. The officer chose to visid his arms to Lafoliette, and seen our friend from earth was in charge of the city.

motted and get to work to belo the citizens repair the damage done to the walks and roof The drums of heroum bromides and chlorides were work with the compressed air sprays to cover the walls

the cold would finish Warrington and his men, whom His astenishment must have been great when be saw the flag of the Luzar Corporation Scatting above the pinnacles of the city; greater still when Warrington sent him a courteous note offering to accept his New Booton. When his offer met a grave refusal, he arrayed his teerning white-clad ranks in endless lines about the city, while his lumbering tractors and

yielded. Ten hours later the breaks in the walls were

peared. It seems that even then he did not suspect

the truck. He had given up the campaign and returned to the city to take up night quarters, confident that

The work was hardly finished when Humbolt ap-

repaired, and the cost of armor complete

the summit of Meteor Hill, and upon other heights beyond the class walls. Finally his troops rushed forward in a grand assent, while the rev-tubes vemited A thousand poweled rays fell upon the walls-and

nothing harnesed. The new armor was a complete success. Humbolt's spectacular genture came to usught almost indicrously, when he discovered that neither his burn batteries nor the hand weapons of his men had any effect upon the city's walls. And be, of course, was completely at the mercy of the wearons mounted along the walls. was near the oragged black summits in the west, and already reddening in the mists of the lunar evening. He sent a deputation of his officers through the airlock to arrange the details of the surrender. It was

tary ceremony. Our fleet hung low over the scene, fifteen great globes of silver, so that I had a splendid view. The Tellurisms stacked their arms, and left them at the camp, for our men to pick up, panament. From the fifteen low-riding war-diers ten thousand justy voors believed out the stirring bars of the authen, "To Ye Lunar Hills Ablane," which had -I am sure the heart of Valence, my neetly sister.

ten falling in a swelling rain of actual upon the army he had helped so bravely to defeat. The sirlock was opened, and the sun-hurned, record, half-sterved troops of Warrington and Lafollette marched out to form two mile-long lines from the gate toward Humbelt's camp. With colors fiving, and martial music playing, the splendidly uniformed Telluriane come marching in perfect step down the lane formed

by their shabby conquerors. Humbalt, in all the shry of red cost and medals and glittering braid, stalking in At the end of the lines Warrington and Lafolistic were waiting. When Humbolt arrived, Warrington recrived his haughtily tendered hand ray and extended

Then, because of the increasing chill of the sir, all vertice reade a harty entrance into the city.

people, who had been chafing for years under the mill Lafollette with wild jubilation. We insided the flost at the great space-port, which we found in excellent repair, with admirable facilities with a protective film of the D-yay armor. It was for earing for the fliers and making such adjustments within the ghas walls of the city; as a young officer, I took you't at the summershie halls and beingster given in boxor of the success. He my best was called with teen. I thought only of the depk-syed girl who was waiting for me in the little city far arross the frame linear answer.

CHAPTER XXV

as were needed after our recent action. I was seen

White surrender of Humbelt and the amphilition of Ven Thereck fleet, the war came prefically to a real. For a few months prove there were the surrender of the surrender of the case, the smaller fortified posts that the Tabertane keecetabilistical show New Beston, while Hall wanged a compoun that brought the rehilitous Ke-Larshah once more particular of the surrender of a few carrieved stuppliplike victory in the capture of a few carrieved stupplplike victory in the capture of a few carrieved stuppl-

plete victory in the capture of a few conveyed augsbships from earth, sweeping the filters of Metals from the space-bures.

After the name of their two great disasters and been carried back to Pritchurgh, the offeriale of Metals Capporation could have lead the nerious idea, of carriero

the war on further. They expressed as immediate willinguists to consider ferms of peace.

A few months later, Carcinus and Ladditte met in Change with proposentations of the Matala Composed to Change with proposentations of the Matala Composed to three weaks, the Trusty of Chicago was signed. It may be considered to the consideration of the consideration of the consideration independence of the most. It constructs upon the carcillation independence of the most. It constructs upon the carcillation industry to prevent the catellities at in might be carcillated in the carcillation of the carcillation o

choose. Lafolitte secured trade rights for Transo, thus breaking the old mitogody of Metals in interplantary commerce. Late is the year (2800) Donar's fleet corried Humhelt and his men tack to earth, and returned with the aged Gardiner, who was triumplast over having noaged Gardiner, who was triumplast over having nolessed to be added to the control of the year, to Lafelitte was been on the more as the new year, to Lafelitte was been on the more, as the new

bassader from Trance.

The organization of the new government proceeded regularly. Based upon new ideas, which assured liberty of the people from the tyranny either of solish minority or of ignoreant majority, it placed authority in the hands of those peoplingly fitted for it and runsardand.

equality of opportunity to all.

Warrington was almost unantimously choice as the Warrington was almost unantimously choice as the above over mony at Firerest, be relinquished his military authority and accepted the dwil selectfully of the Limar Corporation and accepted the dwil selectfully of the Linguished by the total very closely. It toke place to the long or the very confus of the long or the very confusion of the long or the very confusion of the long of the long

With a few quiet and simple words the old grooms pledged his downloan to his new responsibilities. Twent pletted his downloan to his new responsibilities. Twent plates and the few as he hade farwerd to the officers. The man had been considered he had been soldly. The transport of the considered his new pletted with heartfulf ferwer; than the army took it up. All our cambine found corposation in a node pean of the considered his new plates and the considered his new plates and the considered his new plates. The considered his new plates are the considered his new plates and the

Two years later the capitel was mixed from Firerest to the new dip, ramed Warrington in Source of the great emmanded, built on the former site of Karginesseries, which is advantageous central lectation. But during that true, all these things were not my considerable of the state of the constraints of the of Hambell, Tarve up my certaintelism and burrief bards to Filtercat. I was absort the Selvia—by some wrapalitor, Capital Toro had arranged to have be ship partition, the constraints of the selvia of the con-

summered care.

As the after ring of the city's glasming walls rose over the grun rugged wilderzees shead of our specifing lifer. I vowed that I would awar willingly beave it again. And though fifty years have peased since that time. I have in the main kept my veen perty well.

leve in the main lope my vow precity well. Lersón, idender, and frecheld a little from long days of sumbine, was waiting to meet me at the artisek. Hand in hand, happy and joyon as two children, we waited through the great metal valve and strelled together down warm hright streets any with vivid, fragmant plants. It was a buse thus until we came to

the central tower building, where Mother and Father was waiting.

Volume, with her sun-burned, brown-haired Tom Junier, had been waiting to take passection of the caper Guitan Dowling.

On Jonany 1, the same day that Worrington we incompared in the Ontion of provident. Levels and incompared in the Ontion of provident. Levels and incompared to the Ontion of provident the New York only a few French presents. It was just after the New York only a few French presents. It was just after the New York of the Ontion of the Ont

DURING the past fifty ears, intrequire he specified present intervaling in access or story. To Gardenie and Gardenie was soon added Hamilton ears count added Hamilton ears count added Hamilton ears to make the specified of the discount of the specified of the count to the passagers what seem washed fall in comparison to the passagers what seem washed it is enterpasted and cleany ships of any youth. Better communication he offers much to fester a seem state of the specified of t

to Coof feeling with earth has done much to build set the mean. The tide of immegration was room fewring a spain. Our world has increased wastly in population, in industry, in commerce. The number of incorporated a cities has increased from thirteen to forty.—Firecome was admitted to the Lumar Corporation as a severage of the field. Now, in addition to the bread roads that build those cities ingetter, they are untited by the new

bind those cities together, they are united by the new vacuum into-ways.

The exploration and development of the moon have game on by leaps and bounds. New most of her farther side is well known, and minors and farners are standing

side is well answe, and miners and farmers are steadily pushing civilisation forward, against the variabling (Continued on soor 82)

Elaine's Tomb

By G. Peyton Wertenbaker
Author of "The Chamber of Life," "The Ship That Turned Aride," etc.

CHAPTER I

An Idea of Charles Weber's

HERE was often more life in the small colleges of my early life than people generally resized. When I graduated from my state

University and went down to teach at Walzar College, I resigned toyalf to four or feeing the college of the college of the college would be puriously the students would be exactly beys, role and universated in any sort of insulectual stitutes. To some order I was right. Yet extraordinary advantage I must feel here would never have

ordinary networks it must tall been wish new new mere Cellege, may college, and one good new college. My immediate outperies among the numbers of the Poolity was a younn man like anysolf, Chander who have been proposed to the property of the poolity of the property of the poolity of the poo

and obscurity of a remi incloid, he carried on his carperformers with below of far-reading and diverse in their implications that he could not bloom! entirely group than. He was not been also as the could group the country of the country of the country group the country of the country of the country to be country of the country of the country of the lectured to his clause; twice a day. The texteets know than as phasined young man, dighthy (seed correctionally) absent-entoided. The rest of his time was about in the small historiatry he had fitted up behind the hours. My future life way districted, almost fortuitously, by My future life way districted, almost fortuitously, by

My future life was district, Jimon formitosite, by this quirt man and by a srik. Bailin Solition. It is this quirt man and by a srik. Bailin Solition. It is over my subsequent actions against that executed by Water. Sabidi, stampable theirs away a man in the more wind neverents of the life. I have that Enlare, that shaped my defencture. Perhaps, is some perfoundly undecensities way, the foreast and determined, even, where it would such There was no suspretant. A superior of the subsequence of the state action and the superior of the superior of the fact them. It would not There are no superture and the superior of the superior of the six time.

I don't knyw when I keemas aware for the first time that I lowed Eliss. The Irvity amenatesian occasion to me I thee are usually fregotton—these what heed impossible to the sudden, treasmenter, inscribated cilinaria about which interes are written. Eliste was a recipitant stated in my chamistry class. Ortality I must have noticed her the first time in new the class. the other, within a few weeks, I know. I found my self considering har, namewhat bewilderedly, during the hours when there were no thoses, not when I have been self-time there were not those, not when I was

Eliains Stafford was inharasting and mysterious to own mind. Much of his work I could not grass. Somemo in a way that I can hardly explain. There was no times be was too absorbed with it to spare me an ex-

actual suggestion of intrigue or of sensual mystery, such as we commonly associate with these words—she had certainly maps of a countreast's allow. Her charm, as I was aware of it, seemed to be something unknown to herself a sort of institutibility life within, that spoke mothly to me with an assurance that we had mutual chains, southed metastication.

• desires, notified understandings.
I used to waith the ther when the bell on the comparation to the comp

For two which years, and for part of a blief, I pand of created short perturbally to Blief, received with the created whose presents in the Blief receives of the received by the Blief received with the created with the created

when statistically a traver speak a single word when the contraction of the contraction o



AMAZING STORIES QUARTERLY

O NE evening, when I called at his home, I found him weary and despondent. He had been working on an idea, of which I had received only varue hims frees time to time even a period of at manths. This

Secretimes it was simply too complex

from time to time over a period of aix months. Thus was near the dose of my thind year as Wilmar Collège. "Alm," he said, lighting his pipe with a perplaned from, "I'm not going to be able to came hank here next full." Startied, I said, "Not come back? Where are you

Startied, I said, "Not come back? Where are you gaing?" "Fin going to Egypt." Weber said. For swhile I sat there and tried to pumile out for myself why he should want to go to Egypt. I received

semothing he had said once, but it was only a hear impression. Finally I saked him, "What have you got to do in Rgypt, Weber?"

He shatted at me in surrorise.

"Haven't I ever told you?" he said. I shock my head. "Why, the greatest of all my researches is connected with Egypt.—with some tamples there." "Tell me shout it," I said.

"There's not much to tell-dust now. While I was at Harvard, you knew, I had a chance to per the Egypt with Level Rayyon, and I took it. We found some unknown temples there, of the most remois antiquity, that engagested as sides to me. But Leard Rayyon, as you may recall, died sajdenly, and I had to some hack. Pre leapt the temples a sorrest, for face they might be disturbed in our absorber. And I've pried to work.

out that lies of mine over here, but I'm at a standardil.
I'll have to go bask."
"But what's the idea, Weber?" I insisted, moved by
the atmosphere of mystery he had created.
"You'd hunch at its." Where said. "The a furthering

"You'd laugh at it," Weber said. "It's a fantastic idea. But I think there's comething in it."
"Go on."
"You are familiar with the work that has been done leadedy with obsolute infections and other attempts to

restore the life of perpic who have just died?"
"Yes, of secures."
"Well, I found these temples," Weber said, "and as
well as Rayvon and I could estimate, they belonged to

well as Rayvon and I could estimate, they belonged to a civilization in Egypt elder than any that has so far been known to exist. Alan, they are incredibly obs-

been known to exist. Alan, they are incredibly oldperhaps sixty or seventy centuries before Christ. They antedate the Pharaohn by thousands of years."

"Good Later with making the service of the service

"No.-better than that. There were incertizions, you one. They were directly to despite.—a language with poruliarities I had sower encountered before—but they were alphabetane, and relative-writing. Buywa have requisity. And Alan, they were the diamondrat things you ever savel Fave intended to describe these legislative with the properties of the property of the pr

if the untreasuring thing above it. It seems that the kings read has preserved before the promose for reviving them was known. It was all blacked up with a let of a repetration realigned sizes. Apparently, through, the support of the properties o

review their kings, what did they leave them in those temples for ?"
"It's not so absure as it assertis." Weber said "That's

"That's the way Rayvan and I figured it," Weber mid. "Aughow, what drank me at once was the youshelly of making something out of those obscure hints about reviving life. That's with I've been weeking on, whosever I could spare the time, vere since. Bui," the added, "as I visid you, I'm stepped. I can't do any more without going back there and trying to deciptor some more of those macryptices."

Weise tail me a grant many bings that night about the israpise in Rigyst, and about bis experiences. But, as you will aboutly see, there is no need for no to repeat all that he mad, because it cares to routing in the end. Notifing—that is—in the way that he orported. We set up half the might, taiking about Egypt. Weber was determined to go. "They'll goty you leave of absence for a rear, you

"Yes, I think they will."

Riding and struggling slowly into my cost, I murmured, "I wish I could go along with yes. That's fearingting stuff year've bean telling me about."

Withy don't you come slong?" he and. "I'll be glid enough to have you." I shock my head. "I couldn't manage it," I mad, "I haven't been here

long enough."

"I don't know . . . perhaps it could be arranged
. ." Weber said thoughtfully.
I walked bone in the spring darkness and the silenes, we feet failing in a mufflet sound as the hardlenes. we feet failing

never quite buried in my mind, of Eislas. CHAPTER II

Temples in the Desert

THEATER to Whele's lightness, I was able to go with him. When I lift the Proceedings of other, rechildren in What's assumption, at first I have been a breadly hope, in What's assumption, at first I have been a breadly been at the besidings and the old tree. There years of them should have been enough for a little while relates, I began to wealer whether I careful or much short gridge. It had been physically contact at Whiman; I fold a sort of affection for its removieses and chould have it ye near year my ment been yellow.

space near my and the old read in Front table sol the river, And there was Rights.

The last time I should see Elastic would be this morning, when I held my examination. I walked ever to the insuling with slew steps, glasning around at the the dente on the walks. If I saw her now, perhaps I dente on the walks. If I saw her now, perhaps I want to the walks. If I saw her now, perhaps I want to the walks.

"But that's abjord?" I exclaimed. "If they could went and among the students.

I went in. When the bell rang, I was writing my questions on the blookboard. I didn't are Elame when It was late in the evening, in the darkness on deck I spent that morning in my office mear the class "Would you think me very much of a fool if I tak wearfly and come in to ask me questions. I'm afread you what's the matter with me?" I wan't very helpful—I was precounted with other Weber smiled, and sald, "Probably. But tell me any things. I was thinking of Elsine, who was writing her

FLAINE'S TOMB

examination in the other room. With the greatest case her. The others would leok up abstructedly, and go on writing. I could ask key to come into my office: then I could tell her. But of course, I wouldn't. There was another knock on the door.

"Come in," I said. The door counted contly. Elaine was there. I looked up startled and a little guilty. "Good morning" I said. "Won't you sit down?" I

printed out a chair Elaine smiled faintly, so she always seamed to smile, "Is the examination hard?" I seked her anxiously.

"Is it giving you trouble?" "No. sir: it's not your hard. I wanted to ask you one question." It occurred to me fleetingly (as if it mettered?)

that this was the first time Elaine had ever operationed "What is it?" I soked. For a moment we looked at each other intently, as if we each had something also we wanted to say. I was disturbed. But that

night have been an illusion. I dropped my eyes, and She asked me about one of the problems, and I ex-

"Thank you, cir," she said. She was about to leave,

"Are you going on in chemistry next year?" Elaine nodded. "Yes, eir-if I got through all right." "I just wordered," I said lamely, "You're a good

student . . . I won't be here next year, you know." I looked out of the window at the President's office across the campus Elaina taid alowly, "You won't be here?" "No. I'm going nway on leave of abounce."

"We were both effort a moracut. There was a knock at the door. Ignoring it, I waited until Elame said; It was impossible. I couldn't small to her

chrogged slightly, and looked at her with a smile. "I'm corry, too," I marmured. "I'd like to be here," I called abruptly, "Come mi" Elaine turned owny.

That was all. I didn't see her again before I left THINK Weber found me a dull companion during

, the trip across to Marneilles and Carro. We had books with us. We would sit on dock during the day read. Life held more met for Weber than it dud for ms. He was capable of enjoying his holidays as com-

pletely as he enjoyed his work. In the evenings we would watch the people dancing incide; cometimes he for hours, talking to a young man, or to a girl. But I spent my time standing by the rall at night, looking at the water so it went by underneath, gurgling absently and mysteriously to itself. . Weber was worried and solicitous. One day, near the

So I told him. He listened quietly, amolding his pipe "And you said nothing to her?" he saked me finally "No." I tapped my fingers on the chair, and frowned at the moon rising out of the water "But my dear follow!" Woher said. "It sounds to in you." "Do you think no?" I said. "But I couldn't now

anything. Par a fool about things like that." Weber nodded "I know," he marmured, "But she'll he there when you go back." "No-this will be her last year. There's nothing

and of the voyage, he asked me whether I felt well

"Where's she from?" Weber said "I don't know. I don't know anything about her. "Weber laughed coftly, sympathetically, in the "You have been a fool, Alan," be said, "But you'll "I doubt it." I said "You can change your mind, if you'd rather, and

go back to "It would do no good," I shook my head morosoly "Well-wait till you see Egypt," Woher suggested We arrived in Cairo a few days later. Seres day when I write my book about those times, I will tell what I new in Caire. It was, to me, a strange, be-

wildering place, full of noise and heat and color, vory different from the Carro of today. But Cairo hardly enters into this ctory. During the week we spent me shout among various officials, arranging the details Early one morning, with our guide, we set out along the Nile. Even if I remembered it which I don't there would be little annuch to tell about that long,

finally we left the Nile and hended into the descet, days later. We were quite alone, in country where cases were rure. The temples were only a day's ride distant from the Nile; but they lay in a good so county and deperted as the moon. We saw them first as we came to the top of a small rior. They were not pyramids. There were three temples, grouped together about a central court. Rushes

and woods, and a few tired-looking trees grew shout them and in the court. They stood meetive and white resembled the eart of architecture we speak of as Exertian. They seemed almost modern in dealers. To me, it somed quite strange.

Our guide looked at them impassively and said nothing. Weber smiled faintly. He was relieved that he

had been able to find them at all. Our two cars rolled

"Here we are," Weber said careleady. But we sat there awhile in ellence, looking at them, oppressed

AMAZING STORIES QUARTERLY

The Fewer

OPENING from the court were lefty halls and materials where man had werdipped conmaterials where the man and the court of materials and the court of the hall. It was east and and downward into the crypts where the larges kee. We have been a support of the court of the Mindledy on the court coulse. At hight the stem of high surface, The wind started predicacy along the theory of the court coulse. At high the stem of high surface. The wind started predicacy along the court was between the distinct hill to and the cutting of high surface. The wind started predicacy along the court of the court of the court of the court of his court of the world down both the crypts. There were sum, dotced. The court of the court of the court of the world down both the crypts. There were sum, dott of the court of the court of the court of the world down both the crypts. There were sum, dott of the court of the court of the court of the world down both the crypts. There were sum, dott of the court of th

They were the kings' passessions, undisturbed for thousands of years. Over the duer of such of these recens Webr pointed out to me an inscription in a strange alphabe mean?" I asked him.—"They are a warning. Rayvon translated them to "They are a warning. Rayvon translated them to "They are a warning. Rayvon translated them to on the law of the control of the control of the other than the control of the control of the things before the approximat day. Winasever interaction on

longs before the appointed day, whoever instruction on the king's store, they declare, we carries away his peasenders, will solders mysteriously and, at fact, die," I shivared slightly, "It doesn't cound like a very great threat," I said. Weber learnhed.

Wibber Inguled.
"The natives take it quite seriously. You see? None of those treasures have been disturbed—entsyl once, when Bayon and I examined them. But we carried nothing away."

I said threathfully. "Rayons died."

The cryst was ventilated megacyly in some facilities which we could not a too allowave; has it was manny, which we could not a too allowave; has it was manny, which we could not be complete, we found the leavest image is and predicted within, this bursts highlest, and I followed them. Yet the country of the property of the country of the property o

cualities. The dust rose gently and howeved over the body in the draft of air we had created. Weber told cottly, "This is Tomen-Ashto." I nedded tilently, examining the till figure at our flat. It was a startling pricure. The body lay naked, not revalbed in the exceedings of the Fharmonly, its bands were at its sideo; it we outlet and edim. There of a skaping man, yet it hardly seemed quite dead, it was the body of a man composed for reet, caught in the moment between life and death. I touched he fleak hashinghly it was cold, but it yielded to my flayers. Cradually this skin rose again, after I brought my hand

away, and it remained water.
"You use," Weber said, "—it's desth."
"You we," Weber said, "—it's desth."
"You," I musticred, amiling faintly.
"And yot the body has been here for eighty conturne. — He might have died only fits miraton

turies. He might have died only fix mirates ann." That is how the thing looked.

I seated myself on the steps, staring curioutly at the body, white Weber brought out his notebook and pen. I welfted awhile, fumersed in my own thrughty; Weber copied down your after pass of the cellses in-

comptions. Before long, the atmosphere of the place seemed to grow expension. I rese. "Do you mind if I wast for you in the other room!" I sained. "If you don't need me just now!" Welcer moking alternity.

I climited up to the decreasy again, and trupt over the the reen heyrod. The treatmen were three, thousands of delisted jewed and vessels of gold and dever. I year hour examinal them while I would have a supersection of the second of the second having approximate the They wrought in my imagination wide pictures of the marient world over which Tomes-Anthe had wind, a world at which there remained no conditions the second of the second of the second had been asset to the second of the sec

of eld innertytions. Weber extreed finally, and came both through the small decreway, closing it carefully behind him. I must showly, recasing myself from a deep lethargy, "What have you discovered."

"I dee" know yet, "Weber said. "I'll have to work on them with Hayven's code". Our volues securise musted and distant; I tottered a little, disselly, as we skinched the stairs, and my fore-

DALLY, for a work, I would with Writer in the Daulius of Tomas Asket. Generalized the chance facility of Tomas Asket. Generalized the thouse for the chance of the proceedings of the control of the chance of the c

wandered off into other fields.

The sametime of strangeress nave left me—it is
creased as the days went on. Gradually, while I would full late a dense-like chapter, copying down the
lam mechanically, while dis values moved slowly
through the ulkness of my brain, full of a significance
that challed na, forgotten as soon as they were con-

to the evention, while Weber you his falsas together and kinel for formulate into a clear monaing the sank trend centences he had found important, I rested in the court yard, littening to the search of our guide's voice as singing movemula songs softly in the derivones. On, wandlered lengthing the clear that the court you have feet sinkto lies this the mands will warm and occasions from the light of the wands will warm and occasions from the by My mide we like an ecentre helf, sitting with the

science of a sort we've never known or whether it's magic. But I think I see what it means, what it will

"To it important to me?" I soked, with the day "Alan, it's the secret of suspended animation. It I thought for awhile without interest, picturing my-

self a body like the body of Tomen-Ashto, lying does in the stillness of a dark cryst. "What does at matter, Weber?" I said finally, "Master?" he said. "Why, it means that I can keep

your body as it will be at the moment of death and prothe secrets of these people. Alon, I'm sure that I'd find what I'm looking for, sooner or later. it soon! I'll be able to bring you back to hife."

"You'll have Elaine." "Elaine . . ," I muttered her name restlessly in the ellence. "Yes-that would be worth it." Weber knalt at my side. "About" he pard, "You depend on me to do this You're going to dis-you. But at the very moment of

death I'll take your bedy and treat it as those Egyptians treated their kings. And then, as soon as you back again" I modded, and glanced at his face. "Yes, I'll trust you," I said. He select my hand and

I looked away, out through the columns to the court yard, and beyond that to the deart. Dawn was coming. A faint, cold, silver light was rising stealthily cut of the ground.

Velvet surtains fell, rurtling, about my head CHAPTER IV

The Garden of Istal JOICES murmured for a long while, growing

londer. I was cold, but warmth came slurgishly late my hody. There was a tingling, fiching sensation in my skin. One of the voices said:

"That's enough." I opened my eyes. Two men stood over me. They were not old mon.

They were white tunies, failing from the shouldern penetrating amel. The other removed from my logs two metal bunds, from which weres went to a small cabinet on the floor. The room was lighted with a

huge electric terch on the wall that gave out a diffuse. noft clear I murmured mechanically, "Where's Weber !" "Weber?" The man at my side examined me impenetrially, and shock his head. He dried his hands

"No." the man said, nundering, "Weber int't here."

"Where in he?" "You don't understand," the man said. "Who was

I considered his question carefully. I was confused Instead of anyworing, I said, "Have I been bere load?"

"How long?" I raid.

My limbs were heavy and weak; my body was covered with a slight perspiration. I had tossed all night in the midst of nightmares I could not remember. I reof carrying me back to the village on the Nile, where I could find some sort of medical aid; but I seemed very weak, and he thought is was only a teach of fence myself with quinine. He left me in the gunde's care.

One morning, when I awoits, I was unable to rise

and went down to the crypt again. There is nothing clear in my recollection of the days after that. My consciousness faded gradually, until i remember only long periods of time when I lay, meanly lifeless, on my pallet, while chaotic dreams nowaged each other through my brain. There were long momonta, at rare intervals, when my syes would open

and I would see clearly the dim, high half around me. and the brilliant white sunlight of the court, the guide's hunched figure sitting motioniess between two colwithout life. I would say them for a while immensus Then my eyes would close again, and the drasms come Once or twice I wakened suddenly in the night to

find Weber bowed over me, his face twisted and distoried by the flaring light of a lamp. I had forgotten hirs. My away opened wide and stared at him, startled filled with horror, while I struggled to understand comething whose menning I had loot. Then his face away from me suddenly, as water drops away from a body when it rioss frem the sea. I occured buy away a lamp at the far end. Shadows moved fitfully about

the wind. My head was clear. "Weber," I called." My voice carried across the cod Weber looked up, startled, and stored at me for a mornant. Ther, with an inarticulate cry, he jumped

"Are you awake, Alen?" he said. He came swiftly toward me down the hall and stood

"What is it?" he said. "Are you better?" "Yes. I think on. But it wen't last." "You know that, too?" Woher said, frawning, For a few moments we said nothing, as if the approach of douth had rendered speech no longer

"Weber," I said at last, "do you remember Elaine?" "Say something to her, will you? Anything will do."

**What?* "Per discovered spenething" "Your secret?" I said. "How to bring back Eda?"

"No-med sheet What, then?" "Alan," he said, "I was working over those inserin

AMAZING STORIES OHARTERLY

I rested awhile. Then I soled, "What year is it?" The man looked at his companion, respied, and asked, "Here would you say?" "A long time," the other said, "a very long time," the other, waiting. A vague alarm began to treathe me. I said again, "What year is it?"

The men said nothing, watching me. Finally the man at my side asked politcly, "Would you like to get un? Here is a suit for you." He held out a tunio

Very guidenly I was awake. A surricion entered intence. I stood up, and grasped the won's arm-

said, "I must know what year it is." But the men looked helplessly at each other and at me. "We don't understand?" they said

I released the man's arm. I took the carment he ering. The matter was not yet quite clear,

was an odd difficulty. The room was the small room under the Temple where Weber and I had worked. One of the men kesped lowed me. We crawled through to the other side, and loaped down into the room where the treasures had heen. The treasures were all ease. The race led me toward the stairs. One of them said, "What is your

"My name? Alox France," "My name is Intel," the man said who had been

The other added "I am Done" We climbed the stairs in allence. The stairs were The roof of the Temple had fallen in. When we loose rodes, through a pagged opening, to the light of a late afternoon. It was not very bright. A small breath of wind, blowing through the rained walls,

"Not very cold," I said. I looked up at the sun. It was a small globe, tinted with red and recembling a full moon, hanging in the sky. The sun wore a questioning book.

Frightened, unwilling to understand, I said: "Has it been a very long time?" I pointed to the nue. Drue and Istal followed my finger, glancing up-Dran said, "You mean the aun has changed?"

their eyes. They showed no surprise,

"It must have been a long time," Drus said "But here long?" I insisted. "How many wasen?" Dive strugger.

grew all about where the desert had been, like the It waved gently in the wind, runtling, more dasolate than the rand had ever been. When I saw the grass, Near the rules of the old buildings, half hidden in the green stood a small light marking. Drag and Istal

I-real in front of me, made a motion with his hands, which were consealed from me. There was a low which were conseased from the. There was a nor humaning under the floor. Without wings or proteiler the ground and surred up

"I don't know." I glamed at Dess.
Dras sid, "Maje sameon on full yes later."
The makine flew omitty, but not as emrifly as it was able to Gra-smatching leved bern in thus. The was able to Gra-smatching leved bern in thus. The desired by the second bern in these. The could be set to the word by low, slephus panns of glass. I rested him ye dark, trying to think don't, I could find not containe but a set of deep terror. I understood flat centuring but a sert of deep terror. I understood flat centuring bat a sert of deep terror. I understood flat centuring bat a sert of deep terror. I understood fast centuring bat a sert of deep terror. I understood that centuring bat a sert of deep terror of the service o

THE green altered gradually under us, grew more arrest, and passed imperceptibly into a thickening strick of woods. When the weeds cated, we fire over cultivised land. There were houses at intervals, gifter towing, fragile structures of an unfamiliar ratual. We preced over some people from time to time. They preced over some people from time to time. They make the property of the

same metal, infiling. They were dressed, files my comparatons, in light tunke.

We come to a wide count, frowing with mathematical presenter chilquely across our course. Beyond the cared, our machine stipped down, and headed toward one of the metallic because that shoot near the water, under a greep of trees. We landed gratily on a laws, cites to the decovery. Dress and Istal attempt down. I

followed them.
"This is the house," Istal said. The words reunded oddly like an old sentence from a child's French Greenman.

Grenner.

We extered the boose. Draw went on down a long hill to an open doorway through which I saw the cool shade of the parken behind the house. Intal took me up by a moving escalator to the eccount story. The

had no dores. Metal cartains long in all the decreage.
Itial look not to some empty recens.
"You shall lathe and put on another suit," he said.
"Then we shall have feed for you in the garden."
The recens and the hall were not unifie those 1-had known before. I refused to think during the short valid is needed to boths. Later, after my invalidation.

The most was served in the garden. There were three people costed at a table when we arrived. One was Dray the others that precented as this state; Table, and he further, Lauth. Lauth was a waveness and man who examined mu with lesses gave and and little at first. Table, a braidware girl descred in a tunne like fort. Table, a braidware girl descred in a tunne like ordinally of Blaine. I named, and drepped undealing the a table. The meanage was no overwhelming for

For the first time that affections, I understood what, forminately, here are silutation which, no foliasely, but, forminately, here are silutation within a foliase, affect queerfully a marte emitted to the her than the first properties of the silutation of the sil

was prefeoredly different from mine in its very bases; although we spoke the same language, listd and I could not convents because of some unbridged chasas between our minds. When I had furnised, I learned back in my chair, furnishing superexposedy in imaginary pockets for a

"What is it you want, my con?" Istal's father asked d. ms. I samered in confusion, "Why...I was looking a for a cigarette." He mid, "What is a cigarette?"

"A white take of paper filled with tokecco. Don't you ever smalle tokecco here?"

Last shook his head.

"No. I think I have read comewhere of tokeco. But

"No. I think I have read comewhere of tehacos. But I have never soon it." I followed for a few moments a vegrent idea—if I must live among those people, would I be able to cubdivide tehacon on their soil! I teld roused me with a fivele tehacon on their soil! I teld roused me with a

uvant tanacco or their soil? Idal roused no with a remark.
"Hy father," he sald, "is a wise mon. I am not wise, and I could not answer any of your questions. But my father may understand them."

d Lottl midded.

"Ark me what you like, my son. Perhaps I can hely
you a firth."

I looked at Lasti caperly, and said, "Cua you tell

a sousce at Lasti objectly, and said, "Can yes tell
me what year it is, then—how long I have hare dead?
Level pendend for awhile, and answered finally:
"My see, you speak of something which is unknown
to me. You speak of time and of years. There are
few philosophers among us who have studied what
then is, and none of them has carreed whither it action.

at the is, and now of them has agreed winther it exists of white New Years a notine possible for the ancient in the second of the look of the least of the property and the second of the look of the least the least of the least the least of the least the least the least of the least least

the passer?

"We do not count them. Perhaps today yes are in
Calley perhaps yes are in Associat tenerror. We see
Both these deers are beind out does it matter which
add the perhaps yes are in Associat tenerror. We see
Both these deers are beind out does it matter which
add the perhaps to the perhaps to the perhaps to the
deep are on one after another, and they are not in
the things we have deep but does it matter on
what does we have deep to but does it matter on
what does not been deep them.

heurs of the day? If suc, how could you keep a mostlage is any disconset piece? "The hose the bours, my one; but houst that the state of the "We heep the bours, my one; but houst state of the same and that is a physical movernous discouls space. Perhaps I on to meet you in Coirs at the fourth house. Perhaps I on to meet you in Coirs at the fourth house. Perhaps I on an while you are perfectionize one one, but the one will be me a certain pertion of the obly, when I cannot be Cales and it the same place when you arrive

stand it."
"But if your machines and clocks," I said, "move as the san moves, an equal distance while you are living your hourized acts and I any one, doors't that prove the time is measured rightly?"
"How, my nou? It presen that the setter of ma-

AMAZING STORIES OUARTERLY I have turnled a little. I must a few months over chines is to move in a certain way, as it is the nature of the earth to move through space; and we can learn, "The North," I said. "I wanted to ask you shout

philosophers cannot agree," "And your crops," I said, "can you know when to gather them, without counting the days?" "They are gathered by the machines," he said, "and

the machines know." "Who sets the machines?"

"Sate there? The machines need nothing but their oil, and cometimes their receirs. If they are broken, we remain them with other machines. We have always had the machines. We do not culte understand them," he added, with a pussion frown, "but they work for

us-they are very good machines I considered helplandy awhile, wondering how I could find myself in time, and whether, after all, it

"Have you no histories?" I select. "Do you not study the socient civilizations, and ask yeurselves when "We have books about the dead times," Lasti said

"We read them. Perhaps they are falsy tales, perhaps Here we are," he said, "-those others exist no longer, any more than the constries on the moon, of which we also read in old books, or the people at the surth's core. Why should we care, if they amuse us? How can we measure the truth of those things which do not exist, or measure the distance between them?"

"Terhaps. But we have no memories of them." HAD a vision in that moment, of these people ending the career of man on earth. I think that for An instant I understood them. They had their mathe universe. Perhaps, like the Greeks, they had clean

and clear minds; but they had no understanding of and simple. They lived for the moment, and for the pleasures of life. Their civilization might endure for years or for thousands of years without change, until an unforeseen estastrophe ended it. Deprived of hardwas allen to me, had even then a certain familiation.

After awhile, I said: "Lastl, if I should tell you as horn—would you be interested?"
"Rurely," Lasti said. "I am always pleased by these

tales. You shall tell me one day; and I will tell you the hings of which I have read."

Later, when the ofference was nearly over. I soled "The world," he said, "is a very interesting place, if

you care to study it. Some day, if you had, we shall travel together. I will show you the people who live on the other side of the world. They have some curious would find them interested in time, as you are."

"We reldern leave the country where we are born," Last! said. "We have all that we need here. Some-

the North. Is there still a nation called the United shock his head gravely. "It is a strange subject States? Does New York still exist? my son. We cannot hope to understand it, if our "I have never heard of them," he said. "There is nothing in the North. It is cold and harren, like the

fur South. There are a few harharous natives living and the Mexican Sas," I nedded somburly, and said: "There are glaziers, I supposed. The court want he never old year?

"Were you ever in the North!" Lasti said. "I was hern there, in a pince called Virginia, It

"Of course. We loved it very much . . ." The sun had set. A strange, penetrating crimson

sunset I had ever seen. "We must go in, Father," Istal said, "hefore the cold Last! nodded. We all rose and wandered back toward

I turned to listed and said: "Tell me, sir, why did you trouble to wake me? Surely it meant nothing to you that I had lived among the ancients? It was not "I now you there one day," Intel said, "when I was walking among the rules, and drasming. I found you by accident. So I took Dran to nee you, and Dran in

curious about these things. We thought that you might care to be alive again. We brought the machinas down from Calro. Hoon, marks, we shall wake "Another man?" "He is different from you...his skin is dark, and his note curves, like thin" It was not Weber; it

"You did it for pleasure?" I said. "It was a port latal shrugged, smiling. "We thought you would not have been there," he said, "unless you recent to wake again some day." I walked for a moment in afterce. Then I said:

"And the other temple...the third? Who sloops there?" Elaite? . . .

CHAPTER V A Tomb in the North

N the morning, when I rose and put on another of the clean white tunies, I went down into the garden and found Talls, the sister of Istal. "Good morning," she said, smiling at me in the sun-

nebt. She was having ber breakfast on the table "Good morning," I said. She backgood me to a chair, and said: "Will you

"Thanks," I got down by ber, and she gave me breakfast from a silver dish on the table. I was troubled short Intal's baseltality. T didn't

know whether he cored to how the long at his great or whether he could afford it. I knew nothing of the economic conditions of this civilization. In any case, I was saxious to be independent, to find some week could do in order to live. I wondered whether I should find any work left in the week that I was able to do.
"What do people do here all day, Talla?" I saked the
girl. "How do they spend their time?"
"How do they spend their time?"
"Sometime we wak among the fields
to be read, constitutes we wak among the fields

and gardens, or ity about the country. Are you beed to none?"
"Oh, no! But I wann't used to didenous in my world.
We managed to live. Is these no work here?"
"A few people work," Talts said, a faint note of sector fee them in her voice, "when they can't among

seem for them in her voice, "when they can't amost themselves."
"But how do people make money?" I saked. "Where do they get food?"
She looked at me in autonishment.

"The never heard of meany. And as for food—why, there's food everywhere. That's what the machines are for. They make food and dethes and house." She said increditionly, "Poople den't have to do those things."
"You ree," I explained slowly, "I wanted to know whether I couldn't do sensithing for movelf. I can't

whether I couldn't do semething for myscif. I can't fire on your brother's hospitality."
"I don't know what you mesn," Talls said, with a questioning look. "If you don't like my brother..."

questioning look. "If you don't like my brother..."

"If you don't like my brother..."

"If you don't like my brother..."

"If you can be whenver you please."

"I don't went to go," I said hastily. She watched

of some season:

Finally she said: "I wish you would say things I could understand. Are you leady here?"

I reddened.

I reduced.
"No," I asid, "not that, exactly. But I'd like to have
my people with me, tee."
"We'll all he hind to you."
Talls said. "We'll all he hind to you.
If you want to, you can be my loves."

"Thatks—that is very kind of you," I said, smiling in on embarrased fashien.
Takis larghed, and said: "You're nice."
"The trouble is," I added scherly, "that I was in love

with a girl before my-death. It's hard to forget about but."
"Oh, I'm morry," Tallo said. "But she's dead now, inn't she?"

"Were you very find of her?" Her voice was kind and sympathetic, as if she spoke to a child. "What was her mane?"
"Her name was Histor." Talia thought about the name. "That's a read same." Talia thought about the name.

"That's a good name." Talls thought about the name for awhite. "Eve heard of a name like that seenwhere."
"Have year?" I had a vague and fantactic surpicion, for fast a moment, that she might have known Risine.

Then I amiled at myself, somewhat hitterly.
"I reed it in a book once," Talls said.
Passied, I select: "An old book?"

Parairel, I asked: "An old book?"
"I don't know—it's a book of my brother's. Maybe
I could show it to you."
Still troubled with that curious intuitive suspicion, I
said: "I'd like to nee it."

Talls stool up.
"I'll find it for you," she said. "I think I know
where it he.

She went toward the house. Again, as I had done
the tlight before, I fumbled intently at the sides of
my tonic, looking for a cigarette. I remembered that
there were no cigarette say more. Bud caree, had

After awhile she came hoot, a hould in her hands. She lift open, unruing the leaves as the approximation stood up, trembling, and watched her experty and well impations.

"This is it," she seld. "The a book about the North This is it," she seld. "The a book about the North This is the she was called Frenders of the North. It was the she taked it out, and I sained it awknardly. The book was called Frenders of the North. It was the she was called Frenders of the North. It was the house of the

Hee the books I bad always known, except that the blending was metal, and the pages were thin sheets that might also have been metal. The letters were faintly exote:

The passage Talls pointed out to me read:

Among these rules is a building of white stone

that stands on a hell. The savages wearlip it. They have a legand that the Queen is borried there, and that she will acros the rice of the dead, shattering the heavy will, and come feet again beinging with her the secret of raising their country warm. There is no deer into this torsh. The walls are smooth and apolless everywhere, exacpt so one side where there is an incurretion

THE TONB OF ELAINE

and the building rests on selld rock. It is a silent and mysterious place. . . .

I stared for ambile at the room. There was no negre-

shout the tunh. The nother went on to describe reliesd efficie and the curious customs of the cavagee. In the one paragraph that had any significance for me bay a bint so foshis and remote that it was almost mashes to to follow it. Tet there was a pointed atmosphere about

god for my eyes, as if I had been expected to rood o meaning between the lines. I gave the book back, while Talls watched me curiously.

ously.
"What is it?" she saked solicitously, seeing my sgitation.
I said: "It might be the same Elaine."

"Be you'd have become a queen," I mid, "and I mide could have become a queen," I mid, "and I i had so will be to b

little Talls upset you?"
"No, air. It's a book I have been examining—"
"About the North?"
"Yes. There is something in the North I must go

"Yes. There is something in the North I must go to see."

Talli said, patting me on the arm: "He's his girl, father. He thinks she is buried there."
"But if the it dead, my some—"I Lasti asked.

"She may have been left half dead, as I was left And, even if she is dead, I should want to see her." Lasti nedded.
"Then you must go," he said.

"Then you must go," be said.
"It will be a long journey," letal said, "and you will be very cold."
"I shall stand the cold," I answered. "When I lived

"I shall stand the cold," I answered. "When I lived before, there were less, cold waters through which we always managed to survive. It can't be much colder than that"

Lasti said: "You will see, my sen."

They sat drawn to their breakfout, and I wandered

away through the garden with Tulls

CHAPTER VI blue, metallic towers, rone up before use. I mode for a tall bushling in the eserter of the city. Drue had de-Elaine acribed it to me—at was the Towar of Science, I

AMAZING STORIES QUARTERLY

FLEW westward in a closed ship. I left one morning, circling ever Intal's house while the family waved goodleys, and I headed for what had been the Carney Islands. Dras had tought use to gifted the

waved goodless, and I basied for what had been for Canzy Balands. Dres had tought me to find. Dres had found me asother of the instruments with which to use it. The sligs was stered with hower and books to use it. The sligs was stered with how and books. During the day, there was no encitanced in the trip. Dudrentsh by always the name mitte of enlittents of the contract of the contract of the contract of the day of the contract of the state of the contract of the state of the contract of t

whiching of the wind along its aldes.
The arct made, for those three, no great speed. I made an average of about three handesd miles an horse it was the o'deck by the characteristic bulley when he had been along the continuous terms to the Canarian; by the soler chromostate which adjusted itself by the som wherever I would the time was about three. I confined a weather than the course, all title to the south, that would being me to

Mixis of city by the following afternoon.

A profund piece and difficus by a seruel am. P. A profund piece and difficus by a seruel am. P. A profund piece and difficus by a seruel am. P. A profund piece and piece and

Joseph There was a storm acros time before midnight. It grew rigidly in intensity for energy an base. While it loated, the see broaded and strengthd under me in high waven whypeal by the which that measure of blood in the seed of the while the seed of the se

It was selft dark when I come in regist of Cabra, and the Cabra, a

Half an hour later Maxico City, a glittering mass of

lement my ship pathy to its root, and stepped ext. A small group of men stood needsproutly at the roofs days, to be reading on a balustrade and watching the gitter of the sum on a white, name-wapped peak in the distance, I as accessed them.

"Gentlemon," I said. They turned. "Are you the

"Gentlemen," I stid. Yiey turnel. "Are you the members of the Science Chip' were the simple, childlike are that General Philosophers much have worn. They were not such scientists as the people of my time had been. Science was their hobby; they studied it for

were not such scientists as the people of my time had been. Science was their hobby; they studied it for the piesaure it gave them. There were no more scicution of Castles Weber's sect left in the word. "I am traveling toward the North," I told them; have instead about an old Judifing their that I want to see. I thought perhaps you could give me some directions,"

A little surprised, but without incredulity, one of them and:
"There are many strange things in the North, my friend. I went there once, as far as I could safely ge, What is it that you want to find?"

What is it that you would to find?"
I showed him Intal's beck, Wooders of the North,
"Have you ever read thin?" I said.
"My father wrote it. My family has always been
carious shout those barbers places."
"There is a pessage here," I said, opening the beek
at the negs I had marked." I worder if you have ever

at the page I had marked. "I wenter it you have ever pear this building?"

He task the volume, and read the paragraph slowly, fravouring a little. When he had fluished, he thought awhile, glancing up at the sky. Pinally he handed the

book back, and sudd:
"I have seen the place, but I don't recall where it is.
Perhaps I could find more about it from my books."
"Would you be no kind?"
"Why not?" be said. "Hi's an interesting place, that

"Why not?" he said. "H's an intercoting place, Or tumb, and I have often wondered about it myself. He yes hearned atmething about 11.1" "Nothing yet, sir," I said.

"It has always been a temptation to me to open ft. . . . Well, come to breakfast with toe, and I will look through my books."

I BEZARFASTED with Kivre, the scientist. We

The confidence of the control of the

amilitype, buried near the end of a chapter about one of the places Elvro hed visited.

Near this tewn (the founds read) stands the Term of Elaine, about which many travelers have

Temb of Elsine, about which many travelers have written. It can be seen charry from the ruins of the central square, meanly hidden by the trees and the broken walks.

"Of course!" Kiven exclaimed. "I remember the fown now...a wart, reined place, which the natives celled Salta. It is remarkable for the little groun of ever greens about the hill where the tomb stands. The natives live among the old walls at the foot of the hill." I rubbed my tired eyes with a gestave of relief. "Thank God," I said. Kivro glasced at me earlously, "You are very eager to know?" he said.

I come heat, I will show you Way it as an imperiant for me, model, and I characted him heatily. Refusing this offer of a place to root, I went hast to the root, which is not a superior of the property of the complex. I root this time, the city finding under me in the smallest. I rured states beard on my fewers course, heading north and east, this time, boward the Gulf of crassed, Long places are considered to the complex of the property of the complex of the complex of the complex of the property of the complex of the complex of the complex of the property of the complex of the comple

hashing borth and early this time, policies the dolf or revoide. Eurog platfers I remarked Conjumen, the sur had haran to grow chally. I adverted in my slight unite, and faulty burned on the heat in the cakes. None suncial faulty to the confusion of Batten Rosay. A light fail of new was on the ground of Batten Rosay. A light fail of new was on the groundness of the confusion of the confusion of the confusion of skyle a few colless way, in my slight, I was were all the teast afference, after pressing until two vision. All the next afference, after pressing until two visions.

in the morning I followed the Mississippi northward. Shifts, the town for which I was notesting, was the rative name few what remained of Chicago. It sould not be difficult to find. The cold, however, had a definite effect on the merchanism of the ship, cutting down

hours to reach Chicago.

I had put on the beavy clother, but in 'spite of them
I was cald. The heat in my caldin decreased propositionately with the sheph proid. I was glad that I had more resistance to cold weather than Islai and his nearch, but even for me the disconfigure was difficult to

All slong my route, now, the earth was covered first with arow and later with shorte of fee. The wided was vicious during the effection, and from time to thus there were thereby of their more through which my their could see it, was miscognitable. The contaries and could see it, was miscognitable. The contaries and used unique which I had been done do changed the contaries of the earth. The its lay over excepting the hard of the contaries and the contaries and the earth. The its lay over excepting the hard of the earth.

from edd.

I brackled of from the Minatesippi into in the afternoon, and followed the Illineis. Once there had been a conal from Jeliet to Chesago, forty miss away, but there renated no trace either of the canal or of the later ernshind no trace either of the canal or of the city. I left the river and beafed nertheast toward Chisano, Fast before the fast ended the bilinding, two

Very little remained of Chicago. Most of the buildfrort had crumbled away long ago under the grinding weight of this ice. Here and then, percled greenously store, I had been before been in Chicago, but I and store, I had been before been in Chicago, but I and never thought of it as a fully city. These were hills now. The loc had created them, or perhaps some previous fee had created them, or perhaps some previous fee size had created them.

Note that the second se

denly in the wind, they lifted and disappeared in the grays air.

Where the natives lived second a logical place to land, where the bought it down in a small open space among the huts. Store had legue to fall again in this guids, belitting out the last of the twillight. I had seen so natives yet—they were all within their has, opparently, for the sight. I thought longingly of their supercosts, for the sight.

supervisory, and our appears, but it benefated to providing seed. I was suppose, but it benefated to providing seed. I was suppose, but it benefated to be I hated the thought, when I was so thou, of benefated make interminable suplantines. I could nature my cable. I satisfied mysalf with the food I had brought sod, muffed in heavy clother, but down the high the abin. I skept fitting during the slight, thinking sumbby of Elalius and of my finatheric corrosontique.

As soon as dewn cians, I was swake. The store what stopped felling, and notes of the ratives were short yet. In spite of the stocke from their buts, I had doubted whether any natives existed. So much was featentic and unreal in my life during those weeks that featentic and unreal in my life during those weeks that I helived in the impossible, and recibiers concluses the truth. Nothing was real, nothing was faken lived in a state of sectional benedierated, through lived in a state of sectional benedierated, through

accur shalts of my past life.
Winning at the contact of suballevebly cold six, I
pushed spon the deer of my colds and stepped extfine instrumental is weakl once were not havy. I infinethem out beside me, in two metal cases, and jocked the
door. Busided to my belt was the long tube, life a
flashlight, that would districterate the walls of the teenlI moved quelety through the store toward the trees.

past the native house. The sarey was deep, but heavily pasked. I straught shrely up to hell until I recalled the trees. There the path was coaler. I minded the coaled low, now that I was aspected to it; it was the first own, and my activity revisions it heavily has been an a way, and my activity revisions it heavily be the book a long white to claimly the hill, but shally I reached the top. A high of cold wind swedped down on me at the exercise, but I classed.

resulted the lop. A list of cold wind smoothy resulted the lop. A list of cold wind smoothy deep resulted to the lop. A list of cold wind smoothy deep cold with the list of the configuration of the

e chine. It cut into the walls with an invisible say, a grisbling them to a fine dut to if they all been at at tacked by a chief. In short ten minute I had made a chredier cepting large enough for my bely to pass at the same of the same and the says pertian of the wall I had cut out bride away and relied heavily into the snow.

I lifted the instruments through first, and followed

them hastily. I found suyedf in a small roten, his dissipated by the opening in the wall. The room appeared to be barn. I examined the walls and the first; there were a warroom interpretate on the wall, but it was too dark in the read them. A metal ring in one of the linter walls disclosed a door. I turged at it, and after a moment of maintenant is came related by the room or musty hippon.

prodisclosed a decr. I tagged at it, and after a monant of semistance at same reductabily peop, or rusy hispon reladed Too endited and too numb from the cold to care shad for any preceditions, I stepped through into another or more witch assumed, by the colo of my movements,

honger than the first. Here the darkness was profound.
Again I explored with my fingers. This time I discovered a number of large metal boson, zone of them have smooth honesers, to be Elektric seein. The room

contained nothing else.

AMAZING STORIES QUARTERLY

Cursing reyself for not having thought to bring a hight, I coastained the wall on either sais of the door through whoth I had ozze. There should be at least two small recent adjoining the antechamber I had first catared. But the walls seemed to be blank. Disappointed, I felt my way norwouly hank to the motal beaco. I felt seweral of them theroughly with my frigers, and they were appreciate raided. I was adraid

cortents. Nervoxity, I seated myself on the cold floor and wendered what to do.

It is possible that I was not quite rational at that recent. I had worked so far with the mechanical inguality of a robot or a medinar. The intense cold and the strangeness of the whole advanture had deadend my faculties. I felt very little true emotion just

ened my faculties. I felt very littl than—indeed, I had been sturned to emotion, ever since my awalening.

In any case, I think that I must have lest conscious notarity. Deems of faint fermans and ingressions floated before my cycle in a condition between features and reality. Scaleday, however, I found appet recalling the moment when Weber and I had first penterted into the other of Teoretic-Albite. Charley, and the condition of the condition of the condivatil in the subhermanear room, and now the well yield and term on its hidden hitgues. I was sower of a fusion of the condition of the condition of the condi-

ing of compulsion in this it before me and said: "Look!"

I stood up, a little work, and groped my way hack to the wall hoolds the door. Halling my arms, I pushed vicrovarly explicit It is all directions, but without excess. Thin I crossed to the other side of the door, and tried by wait them. After a measure, it seemed to stir greatly besself my lingues. I pushed shorke, and if yielded. The wall away introvel, the aboute,

and if yielded. The well-owing invarie, like a door.
And guidenly, as it opened, I jumped bask with a
startled cry. The whole reem had burst into a binse
of light, and a light came through the door from the
recon beyond, blinding my eyes after the intense durimon. Prightmend, as if if y an invisible presence, I

Ground tack against the wall that shared about the the tilliness was unbrillen. Nobody apparend, nething happened.

I grew accustomed to the light, and my nerves became quiet apain. I knew new that I should find Elsien. This was not an exiliary tumb. I was the confused to question the lights, or to wonder how they had survived the passage of immunorable centures; but I knew

that they had not been left here merely in diver intruders. Nor were they far the use of the dead, With a brist glame about the recon, I turned my statestian amin to the dore I had just queed. It earns down to the fisce, usilios the doer in Turnes-Ashbair tools, and It gave upon a statirway leeding down under the drow. There was a warm current of air rising through the downway.

I went to the antechamber and found my Instruments.
Then, shutting the tree doors behind me against the cold outside, I cause back to the stateway and desconded. It was not a long stateway. It led to a room directly under the dreft floor of the tench. As I centered this recen, I gasped with surprise, and stood transitively studyer the respective to the contract of the contract of

it was a low, warm chamber, decreated with wood and platter like the recens I had known befree my death. The word somed oddly frample, as if it would crumble under my truth, and I was afraid to disturb it. There were chairs, tables, and all the other furnishings of a boircom. The cisth covers of the chairs had kny age become tattered and crumbled into days, kewing the

hars word and the optime expend; and the rug or the floor fell apart, rising in the particles of dust about my feet, wherever I touched it. But the comba and brunkes, the buttles and homes and fars, still remained intact on the creating table. There was an old free hed in the correr. Either lay there.

I creased the room slowly, and looked down at her.

The hodisthes and her goves, his the covers of the chairs, were dust. She key there, beautiful and inmedific, as if suspended het were life and death, He eyes were closed. She key with her hands at her side, quiet and calm, a girl composed for rest. The centuries had not changed her. A fairt, mysderigm smile rested

⁴⁸ Elsins, I self wonderingly, lost in the mirarle of my love and of her life. I dropped on my knoss baside her hed, and pesied my head wearly on my area. I think that I cried. I was afraid to touch bor body.

The Little Men of Shika

WHEN the little hand on the dist received atoutycipit, I turned off the owitch and waited. Under the few that I had thereon over hoy. I thought I are Tlation more slightly. I hent drom and touched her chool with resulting fingers; it we warm again, and fifther written activate. I knoth beside her again, are morised in network. I knoth beside her again, are morised in network. I knoth beside her written and from her morised the nethernoon.

sakks. Her eyes opered a little, and glanced at me gravely. Her hip lifted in a brief scale.

"Mr. France. . . ." she murraired.

"Etalant" She examined my face with languid attentiveness, and asked: "Are we all right?"

"All right, Estine," I said.

"What time is it, Mr. Francy!"
I didn't know. I had no watch—anly the chronemeters or the ship, And it was freme that, at the end of so many centuries, Etaine should ask first for the time. But I said condecaty: "Eleven o'clock." She closed her syns availle, and frowed elightly,

"Do you fiel better?" I said.
"Yes, afe. But..." She opened her eyes again suddralp--mide. "Why," she said, "whore are we?"
I difu! know how to tell her.

"Board sense how, Edulars" I asked.

"I think..." She was puzzled. "I thought yet were..."

"I And then her memory sakened. She pulsed hereoff a

"Elide and starred at me.

Main!" she said.

I resided at her (she had called me by my name!),
and took her is my arms, trenbling.
"Why, that's all right, Elaine," I cold. "Weber was
right."

Ste glanced all about the room, and then back ing fine.
"But thin place," she raid. "Has it been long!"
"It's heen a long time."

"The been a long time."
"Else heen a long time."
"Else long, Alan?"
"Yourn," I said. "You'll see."
"She should her own, and rested in my arms. With

my hand I smoothed the hair on her forehead. She said, glancing at my eyes, "You love me?"

"Yes."

"Yes."

I kined her lips gently.

I said: "Elsine. What happened? How did you get

"You did? All the time?" "Yos. And when he told me, I made him promise to leave me here with you." "Yee, And then I-454 this." She pointed out to

me a scar on her wrist, "That want't very hard. I was afraid I might grow eld and-ngly, while you were sleeping.

After awhile, I said: "But, Elaine, we're in Chicago now. And Weber left me in Egypt." "Yes. Who brought you here? And what happened

"I don't know. Isn't Weber here?" Elsine said. "Didn't be wake you?" "Weber's dead. He died a long time ago. All the

A look of four came into her eyes. She stared at me. "I don't know, boney. Everything has changed-

M's been a long time." Slowly she said: "And Weber didn't wake you up?" "Waker is dead. Strange people wells me up, and

you weren't there. But I looked for you, and found this place."

"I didn't, I had to guess," Elame lifted her hands and tenched my halr,

"We'll be happy, Elaine. Together,"

Her body stirred restlessly under the covers. She said: "Shall I get up now, and come with you?" "Are you strong enough?"

"I'm well now. I can go anywhere." "You must take those ciothes of mine. Your clothes are gene."

Elaine smiled, and said: "I was"t need so much." "R's orld, Elaine. You'll need them," I took off the beavy shoes I had worn to the temb. "Take these, too.

"But Alan! What'll you do?" I smiled, shivering a little in my light tunic. "I'll be all right," I said. "It inn't far to the ship,"

where they were. They would be in the way if I carried "Pil wait for you upstairs, Elaine," I said . She came very soon, wrapped penderqualy in the awkward clothes I had given her.

CLOSED the deer behind her. Immediately the

lights fighted off. They had been growing dim. I how they had been able to survive the confusion- but it

"Come," I cald, "maybe we'd heiter hurry, honey," "Are we going comewhere?" "We're going hope. There are strange needs here

esting hole I had made in the wall revealed the warte of snew and ios outside. Elaine garned with surprise evergreens towering against the sky.

Without saving any more, I helped her through the wall and followed heatily, leaping with a shock down into the snow. The snow burned my have feet life. a blanket of white fire. "We'll have to hurry," I panted. "I can't stand much of this." We ran down the hill-side, aliding and eturnbling

through the snow. My tenic was no protection against the cold. I was afraid to pause; I waved my arms and legs wildly to keep the circulation going. We hurst out of the woods, into the little eathering

against the snow in the clearing. A crowd of little stunted, dwarf-like figures was gathered around it we approached. Then they fell back a few stone beyond the ship. One of them waited at its door We reached the ship. The little man who had waited stood by belislessly while I unlocked the deer. As I

was about to open it, however, he laid his hand on my "What are you doing?" he asked in a strange dislect, but in English, "Who are you!" I passed a moment, wondering what to tell him, and

"I've come from the South," I said. "New I must go buch y

"And the woman," he insisted, "who is the? Where I said impetiently, without thinking

"I found her up on the hill. That's what I came fer, But the little man startled me with a load cry.

"The Open?" he shouted, "She is the Open!" Elaine and I lecked at him in surprise, and then at

"Our Queen?" he said breathbooks. "You have some

back to us. I am your priest. You have come to give us back the Great Pire." Elsine touched his head, muffled in heavy for, with a gesture of pity. I shivered, stamping my frozen feet

"Foor fellow," Einine said, "he really believes I are "I brow," I said with defficulty, "but on the other hand Fre nearly frozen. We haven't time to exclude

I added, pulling open the door, "and I'll follow you." Elaine climbed into the cehin, resting on my arm. I "Walt," the little prient cried in a frightened voice, "you cen't?" He turned to the other little men. "He's

He moved as if to leap upon me, but I pressed the

button of the tube, pointing it at the ground between feet, and steam rose shoul his lern. He leaned book

"You can't step me," I said. "Maybe, before long, "You man't stop me," I says. "Maybe, terore i

AMAZING STORIES QUARTERLY

peration, the pricet leaped at me with a cry. I glanced quickly at the others. They were standing back, afraid I didn't want to hurt the little man. I had meant to use the tube, but it was a sickening weapon-I was afraid of it myself. While I hesitated, the priest here down on me and sefzed my arm, twinting it madly upward. He was amuningly strong. Before I understeed what was buppening, the tube had fallen from

"I'm sorry," I said, turning toward the door,

Spricely, his hands before his face, in fear and des-

With all my strength, I crushed my free fot into the uriest's face. His grip loosened, and he fell back into Leaping into the cabin, I slammed the door behind gishly, and one of the little man, clinging to the side,

"Alon!" she said. "Are you all right? Can you I nedded, and reinted to the year of the cabin. "Vhom are more elether back there," I panted.

Rousing myself, I leaned forward and moved the controls. The ship moved ahead, swinging west and south toward the illinois river. Then I glanzed from at the villags we were leaving. The little men stood in a dejected group, staring after us with corrowful faces. The pricet was bending ever, picking up some anall chiect from the answ. While I watched, he exem-

tifted it. It was the disintegrating take. He pointed and comparatively weak. Designed originally for use atone and matel-not suddenly and cleanly, like a known, but gradually, like a chizel. Its chief virtue was its

The priest was not adept with it. And, too, the shipby that time was hardly a good turnet. After a few it went away. After awhile it came back. For some mirutes, while we left the village further and further

I had no way of judging whether the tube had damaged the ship materially. The bottom was made of a strong metal, but I was unfainffliar with its design, He stip went on moving forward.

Elains brought me the clothen, and I put them on.

it was getting dark outside, and beginning to snow the ship to use all its power in taking us south as seen an possible. Already the cold and the darkness of the North were waaring on my narrow. Elaine out in my chair, and I sat beside her on the floor, my arms about

IT must have been well over an hour before Elaine Effects and I changed the assure. We had and nothing increased until it was swirling violently about the winin darkness, in a port of long twitisht, and condering

stabilizer at a hundred fact. That meant that we should be following the centeur of the country (and Ulmois was a flat country), rising and falling with it at a continual mean level of a hundred feet above its general outlines. The nound went away. My heart beating violently, raised the ship another hundred fast, and fixed it there The stabilizer was not expected to fail. I peered ou through the windows at the snow, trying to penetrate

There was, suddenly, a sort of grinding sound along

the bottom of the ship. We both stiffened, listening. It came again. I jumped up, and glanced at the instru-ment board. Our height was fixed by the automatic

"Are we all right, do you think?" Elsine said.

"I don't know, honey. I suppuse no."
We listened anxiously. Nothing happaned for, per haps, twenty minutes. Then the accoping began again Our speed had decreased until the finger on the dis-

atood almost at zero. I was perplayed. I glanged through the windows again, and at that moment the We were harely crooping along, almost on the surface

"Eleme?" I said. "Something has barocoul!" "What is 197" "The power must be going dead."

We looked at each other cilertly. There was nothing Within another ten minutes the ohin had come to rest on the ice. I knew nothing about its mechanism

An attempt to repair it would be useless. The prices had managed semekew to damage it with my distri-For a long while we waited in the twilight of the cable, wondering what we could do. Gradually the storm cleaved away again. It was late to the afternoon

"There used to be towns and cities along this river, dreds of them." Elsine booked at mo, her eyes deep and

"Do you suppose we could reach one of them or There are a few natives in all these cities, living among the rules. And the sterm has cleared."

"Do you want to fry?" Elaine said. "It might be better than sitting here, waiting for our food to give out. Nebedy will come for na.

"I'd go with you," Elaine said. I kinged her quickly I musted open the cabin door. Our peckets were filled with concentrated fond. I lessed down. We rected on

The snow was not very deep-most of it had blown We said nothing more. In a situation of that part what could there be to say that we didn't understand already? Words could only burlesque our days conan we were together. For, even if that is a feelinh and

community motion, when a man and a woman have to such an Husion with them. Darkness same room enough. The sky chared for a httle while just after assest. The stare came out. Later on, there was a frigif, pale most hanging over the low hills. We ofumbled along through the dark,

walking with difficulty in our heavy clothes, hand in hand. We were very cold. We kept on, more and more alowly, until nearly midnight. Elsins was easily fatigued-she had risen Bterally from her death-bed-and I was already nearly worn out. Elsine stimbled at last, and went down on

her knees. I cought her in my arms, and held her "Can't you go on any longer, Elsine?" I muttered

in the investigat; per eyes source at me sincer some thanks beaded with loc. Her lips were unable to smile. She whitpared, "No, homey."

"Then, we'll rost, . I laid her down in the snow. She was unconscious

I took off one of my costs and made a pillow for her head. The other I suread over her. I lay down, shelin my armo, my face close to her face. But she could not protect me from the sold. I had only my tunic

again, and my shoes and gloves. I closed my eyes very

heard Elaine's voice, but I could not tell what she was shadow. Her mouth was speaking to me, close to my car. I klused her weakly, once more, and then my systploted again. Darkness gathered in my head, even

Conclusion

WHEN I awole, there were voices about me. A "How are you now, my thildren?" 'n voice answered: "Better now, sir."

Effaine's voice answered; Without surprise, I looked up and saw the man bend-

The Birth of a New Republic By Miles I. Breuer and Jack Williamson

race of Selection. It is thirty years new, since shubb red Jenkins visited me last at Pirecrest. In vain I tried to persuade the old acout to retile down there and spend his last days in peace. He showed me a few grains of radium in a loaden tube, whomeved to me so firm as it once had been. Upon scarlet old M'Ob, he went leading away, into the unknown wilderness be-

other planets has gone forward swiftly. In 2340 an Meyory, agreed of the larger asterolds, and Juniter

tumbled on a pillow. Our hands touched, under the covers. I whorecred: "Darling. .

smiled with a touch of arrety and a touch of tendernova-There were other men in the rorm. Kivro touched my forebead, and said: "He's all right."
"I'm gind," Elshe said. I turned my boad. She "We'll on away now." Kiren said, his smile feding discroctly. "There are other things to do." We looked up at him, unable to speak, while he joined

ing over me. It was Kivro, the Mexican explorer. He

door gently behind him. We were silent for a little "He was curious" Elsine nurranced. "He westered what you were after, so he followed you." She turned

her head to me, with a smile, and added, "It was for the honor of his family."

"On his ship. It's a big ship."

Elaine said: "There's robody but surselves left any where in the world?" "Nobody," I and, "Nobody like ourselves, But people

"You. And there will be nothing to do, ever, except

Ebalne sald. "The like below a child again "

I nedded. The walls and floor of the little room them. I thought of Egypt. The wind whistled beyond a high window over our brads. It was late afternoon;

I whispered, "And you love me?" "You." Elaine said.

ploved for minerals. In the next twenty years eclenies have been established on Pallac, and on Callisto, on of Jurcter's moons. And the fleets of wandering ables that frequent the plunctold belt, mining those time rocky morbio of their precious murerals, have been the in the year that I write, an expedition is setting our

me that my grandson, another John Adams, who is so fine a young man as I know, is to command one of

I am an old man now-there is no secaning that Leroda and I have lived together for fifty happy years The Firecreat mines are new among the greatest or the many but I have religiously and the measurement of them to my sen. Now, from the emittence of a least

were seen reached, and each has been partfally ex-THE END



When the Moon Ran Wild

Illustrated by MOREY By A. Hyatt Verrill

Author of "Attounding Discoveries of Dr.

Mentiroso," "The Bridge of Light," etc.

CHAPTER I

An Unberalded Phenomenon

All has many advantages, that is, it frogether with age one orealism all only framilies, once he helds, attempth and energy. It enables one to held attempth and energy. It enables one to obtain the property of the property

many matters deemed meet vital by youth. It gives one a calm, peaceful and optimizing point of vitor. Most of all, it estables one to revisualize meet vividity and assorately the events and occurrence of years past, which, as recorded in books or passed down from person to lower the same of the person of the person to incorrect.

At the time of the occurrence, of which I write, I was what was then considered an cliefty man. Effectly I

cmile to reyest as I think of that term and what it meant in those days. Barrly listly years of new and "blordy" with the expectation, no, the possibility, of beauty or at meet thirty years of life, previded I neck with no accident, no service illness. Yet now—after more that two canturies have passed —yee, two bundred and fourteen of the old-time years, for it was to the year [331] of the did excluding that the

ling of 107 Youth, would be 21-00 instead of 100 as we know He—after two containers and mere, as 1 asy, I am stiff allow, I still retain my shealth, my strength, my vigor, all my familties, and an no other, mentally or physically, then on that day in 1931 of the old calcular when I was should upon, and reparded myself, as an "eldedry" man of satty! But everything in this world—and for all I know to

of labit, of environment and of relativity.

I cannot help thinking—and am personally convinced
of the fact—that there was an employent power back

IN the open seas the tides are at their mini-I mum and in the constricted bays they rise to maximum heights, but always tides are principally due to the gravitational attraction of the moon. To the casual layman observer. cosmic life is apparently unchanging. Yet, in-Suppose that for some reason, beyond our present scientific knowledge or comprehension, the moon, for instance, should increase its speed of rotation or its frequency, which would mean of course, that it was coming closer to the carth! Notwithstanding that the world remains certain that such a thing can never havpen, it is interesting to figure out, scientifically, of course, the various attendant possibilities with their inevitable dangers and results. When that figuring is done à la Verrill, by Mr. Verrill himself, disappointment must go beyond the bounds of possibility. And it does,

by the Gesater from the beginning of time, and was an inscorable as Fate, and that it was Divine justice that the race, having been all but destroyed, should have been given the blessing of longer and better lives than ever before. And though I am but poorly fitted for the task and

an a most unweetly instrument, who can say that it was not in the Plan for me to have survived, where others fall to have gone through the whale, in order that I might reserved my experiences for the benefit of my follow intent as calcutting viewpoint, if see here is Reserving from a adentific viewpoint, if see here it was but a regelition of a cycle in the history of the

od universe and of our planet and its satellite.

No doubt, in fact, beyond say possibility of a doubt of in my own opinion, each of the recurrent cycles has

been shorter and less vicient than those preceding it.
And while I am sure that the same or rather a similar
extantropic will be resuscited in the dist and distant
foture, I am equally convinced that the next occurrence
will be more berif and of less intensity than this lost.
Yet even today, notwithstanding the vast advances
we have made in scientific research, we retail know over

will be more brief and of less intensity than this lost. Yet even today, notwithstanding the wast advances we have made in scientific research, we really know very little about the bistory of our planet or about the laws governing the surverse. I know—whe all know—what actually took place during that shattering, numbing, paralyting occurrence known.

as the time "when the mean raw wid." We all know or should know the immediate, face-caching results that followed and were preduced by it. But no one knowsdeptite passes and theories advanced—why it occurred, why (within laterie times) it had not happened previously, why it did not contrate infatiality, why the unfivene slipped back into its accustomed (or nearly accustomed) existence or whether it may or may not

recur at any moment.

According to all accepted theories and supposedly
natural laws, as held in 1801, our earth followed (as
is had followed for infinite seems) a definite source or
orbit shout the sun, at the same time relations unon

According to the tien accepted artrenomical and accepted entitle "trattle," our own satisfies, the mence, fellowed its cellst short ater earth and accompanion to conservation the sam. According to these accepted thing in place and to proper relationship to the collection of the place and to proper relationship and according to the rules of the pours, are stabilized by actions, any alteration in the fixed positions, the customary noverestical clause, the customary novertical clause, the armifoliation of colectial before and

such wast destruction as no one could survive.

To when the armaining and terrills overalt book place all of these theories, these summiptons, those scientific rules and regulations, these saccepted "fatt," were knocked, (be use an asymptonic of two centuries ago)

There was not swee a warning, a premonition of what see Impressing. No estroature, rutdying the beavest might after night, detected saything amine, anything usual in the solar system or in a space. There was not even a comet, a intelorise shower, a stray ascelles or a "deart planot," poseling through space following a parabola or hyperbalt that might outself it to collide with the moon, the central or any other related holy. The order nativerse apparent absolutely mornal, absolutely militaries, absolutely among and presents as it is because of the contraction of the section of the sec

The phenometric hund upon us literally from a clear aky, uttarly unexpected, uttorly unherded, not even surmised. One moment the earth was retaining emochly upon its exis, following its accustomed orbit shout the sun, with the moon calm, sorone, shedding its pale, reds hight upon us; the next moment it occased suddenly

How dearly, how wirely I result that eventue. I we have no recovery the result will be the cally included on the maps showing the surface of the world pelor to the ded calandary wave of 1931). It was like to the the descriptory wave of 1931, It was like to the descriptor of the result of the res

scribably brillant that and that transformed the lofty Andean Mountains in the near budgeround to dull-red masses that glowed line molten metal. On this particular ovening the sumest was exception-

other presents. It had born! I remember, as anomaly all preparation confidence in the visitity rank we wished they rend to by held of the same until the same through the present the confidence and the same through the present and the same rank. I have been been present as the present a present a

feeling in this air that demand extually to press me denve the extension of the contractive for trivial and mixed with the extension of the ex

I was aware of a strange, inemplicable bash, of an awa-

inspiring mience everywhere; a heavy, oppressive, dead

But the next instant remots seemed to leave me. I drew book, tried to shirink away, acreamed like a madman. Up frem where that finning light had otreamed larest a gignatic, incondensent globe, like a ricing aum magnified a bindred time.

T COULD not credit my reeling senses, could not

I COULD not creeks my recling conset, could not below what I new. The em had unit as quotal in the west roll ton minutes surface, and horse-before my the control of the west roll ton minutes surface, and horse-before my the country in the country in the country in the country in the mountains in the cast. Unconsciously I had show the mountains in the cast. Unconsciously I had show, forey half recod—yet, there is no other form to describe 11—react, I may up towards the smith.

"My Gell" I mayed, because, toolingth, "My Gell with the country in the country

I felt the quantum grasp of my wife's back robus, to be been the rule of night, his drappersons, grapping eyes and the properson of the proper

But nothing huppened, nothing, that is, that I expected. I saw the glowing mountains vanish in a cloud of smoke or dust. I saw the tell poplars, the palms, the statisty place bend and sway as if with a gole. A hot, dry, withering wind lasked my free and comthe awirting dust, the sudden numbing, incredible real-The dust acted like smoked glass. The dusting billiding ball of fire was transformed to a dull-red giobe, and clearly visible upon its surface I naw-even in that brief, almost visionary view-the familiar, an-

What Gaused This Madness?

SOMEHOW-I cannot even now explain why-my setounding discovery that the gigantic, glowing, Intendescent mass was the moon, brought immedixte relief. Perhaps my mind was too dased and numbed by the terror and horror of the events to my paralyzing dread of being burned to a cross by the sun, supposed to be so near at hand, was suddenly dissipated, when I discovered it to be the moon. For so ions had I and everyone become accustomed to rewarding the moon as a cold, harmless, innocuous thing, that the idea of its becoming transformed into a flory, dam-Whitever the cause, no sooner had I realized that it

was the mosn-and so distraught was I, that, at the time, I never stooped to think or wonder how it sould be the moon or realized the seeming impossibility of the fact-than most of my terror vanished. Also, the slowing orb had by this time passed beyond the zenith and was well out over the Pacific and growing steadily emailer in the distance. Indeed, had it not been that I actually bad witnessed it rushing upward from the east, and had not the scorching bot gale still been sworn it was but the sen chining redly through the have of dust that now had spread like a vast, sun-colored fog-hank across the sea. It has taken time for me to describe my thoughts, my sensations, but it must be flicker of an eyelid, one might say. My thoughts, my reactions, my realizations all rushed over me at oncoconfused, jumbled-a chaotic mental storm. Almost coincidentally I realized a dozon different things. I realized with a doll numbing feeling that my wife, who a few moments before hid been watching the sparet beside me, exclaiming at its beauty, was dead, That the terror impired by the night we had witnessed had been more than her weak heart could bear andsorrow that it was so, that she had been spared the

greater horrors, the worse death, which-at the autoalmost craced granddaughter and was-quite unconpolonoly-otriving to calts, to resource her, while at the

mad. Outward from the shore, rearing with the thunder in the track of that speeding, crazed, fery moon, and leaving the floor of the sea bere, shining, slive with writhing, flapping, twisting, trawling creatures.

For perhaps three seconds I stood there, holding the rible, mesescribable terror, I realized what this catachyon pressped. That mad moon, that racing, dispressized satellite, was dragging the entire Pacific behind it, tidal wave of stupendous, inconceivable proportions And at any moment, any instant, it might-in fact assuredly would come rushing, roaring, seething back a mighty irresistable wall of water that would burd Stack upon the land, would inundate the country, would bury the valleys, the deserts, the hills, even the lower wine cities, towns, and every vestire of life from the face of the earth within its reach. Realization of this galvanized me into sudden life.

child in my arms, heedless of the body of my wife stretched at my feet, gazing fescinated with horror at that outflowing ocean and the cony, borrible depths exposed behind it. Then, with a sudden, numbers, ter-

sobbling, terrified child upon the rear next, and drove as I had never driven before, towards the nearby city and my daughter's bome. Broken branches, fallen limbs, tangled wires stream the road, yet I harded the our through them regardless of such minor dangers. Someral other vehicles (we make of them collectively as cars) had been upset by the sudden blast of the gale People, torrided, distraught, some acreaming, other the streets everywhere, and I saw many apparently dead or injured lying where they had fallen. Only a tithe, only an ordestastend parties of those

terrified, fear-craned people could be saved from the unoveryone on earth would soon perish-yet I felt it my duty to do what I could to waru them of their most imminent perit, and as I persed, I shouted to them at the top of my lungs: "To the hills! To the mountains! my meaning. But the majerily were too excited too everyome with superstations and real dread to give heed. To their minds, no doubt, the end of the world

had come as I felt myself was doubtless the case and like frightened sheen they willed and provided and screamed as they rushed about, not knowing which way rible fate might descend upon them. But it was no time to stop, to argue, to explain. Self-

not only myself but my dear ones' hven to nave, if saving were possible. I breathed a prayer of thankfulnon when at last I reached my daughter's house, and dashing in, found ber, intensible, prostrated from her to the car. Her husband-I thanked God for that-

I could not do more. I had intended to try to nave others, to take others in the car and carry them in rev mad drive unto the mountains, but it was impossible. towards me. Had I lingered an instant, I would have been overwhelmed, the vehicle borne under by the fear-What I saw was enough to drive any human being driven mob who, too maddened by shoer terror to try to save themsives or to make any effort in their own behalf, any or imprined they saw safety, astyution in the car, as I dropped the unconscious form of my

daughter beside ber child. Even as it was I barrie managed to win clear. As back and dragged ber in, but a moment later she sprang, shricking, from the car. Two boys recod forward and dragged off by others. Dozens, scores rushed after un; is habit in the human mind that despite their everwhelming tarror of the mad moon and the woults it might bring, they reacted involuntarily to the more familiar danger of the spending car and sprang ande ere they were knocked down and around beneath its

A MOMENT more and we were free from them. My daughter's house, fortunately, was on the outskirts of the town; only scattered bouses and buts lay beyond, and a straight concrete road stretched now dark, yet with a strange, larid glow in the sir, and I was aware rather than saw, that the sky was a dail, horrible rad, as though from a far-distant five-What would be the outcome of this incredible upsetting of the universe I could not surmise. I felt confident, as certain as of saything, that we would all period, that the tale of life upon earth, if not the earth steelf was near its end. Yet so strong is the instinct of self reversation that I draw madly, recklessly towards the idea, my one thought to gain the heights, to coose thundering in from the west; the one tangible, conservable certain peril that impended. Neither was I the Scores of vehicles were racing along the road, though afoot, on horsehook, astride burros, driving carts-were of that mob of thousands ever reached their roal. The mountains were miles away, begre were accessary to rear, that irresistible, terrible, stupendous wave was

Even we in that speeding car barely escaped. I had condistanced all others; I had left the nearest cars and was more than one thousand feet above the level plains, when through the ghastly red darkness, I saw Though it was more than twenty mike distant, yet the thunder of its impact came to my ears. The upflung soume leaped seemingly mid-way to the senith, and then coust, plain, desert, towns, cities, vanished as if awallowed by the sea, as that titanic wave roared hissing, seething, crashing in thunder across the land. So tremendous was it that an it reached the bose of the recentains, it bolted, surged, was flung upward until the laboruse car was spettered with the every, and for waters rose nearer and nearer the lefty readway that

scaring inexembly in from the west, its fearung,

thundering creat reared for hundreds of feet above

the count's bad, and with half the Pacific Ocean behind

Rawly offty fast helow us the water sessed to rise For perhaps five minutes I gazed down upon a vast, heaving, turbulent sea, above which the mountains ruse. Then, with a horrible, indescribable sucking, sighthe water fell, receded. I saw no more. Before me was a door eleft, a narrow caffon through the hills. and another of those incredible, monstrous waves, yet the first and that are they came sweeping, rushing in across the land, we would be safe beyond their reach. the interior of a vast furnice, for even the brilliant headlights of the car were inadequate to illuminate the winding, suggesting, strenky ascending roadway back and forth up the dirry heights. Even in daylight it was a road trying on the person and requiring a stendy hand and head to traverse, yet so overpowering was my sense of impending danger, so overwhelming the whole state of affairs, that I drove over it in the semi-darkness at break-neck speed. And it was fortunate that I did so. Before we were half way to the summit of the vast ridge ahead, my ears were deafened by a terrific, thundering roar as of a thousand ava-Into the narrow gap through which we had entered looking like maken metal in the ruddy glow. Already the narrow caffon was done with it; with incredible speed it was rising, and before I had turned the next bend a swirting, eminous, hornble machitrem was lap-I helieve I screamed with terror. How much farther would that flood rise? Were we doorsed to be caught.

Upward we elimbed. Now the summit of the ridge loomed dark against the sky class ahead and above

We were fully three thousand feet above the normal see level. But the flood below had ceased to rise. Leas.

from sight, and though I know there would be another

than one hundred feet beneath us it had stopped, and I knew we were safe from this menace for a space. Yet if those terrific tidal wayse could rise for nearly three thousand feet above the normal level of the ocean, how could I be sure they might not rise four, five, ten thou-My thoughts were interrupted by hearing my daughter's voice, talking in low tones to the child, comforting, requiring her. She had recovered covarious. ness, thank God, and was still some. But she did not of her presence of mind, her courage, her common sense, that she made no inquiry as to her mother. But she knew_as she teld me later_that her mother wout he dead, etherwise she would have been in the car with us anguish, her own terror, she choked hack the words she longed to utter, the question she ached to ask, for she draw my attention from the road, from that denserous.

As we neared the summit of the ridge, I noticed it had grown appreciably lighter, and as, with a heartfelt prayer of gratitude to the Almighty for having escaped from the awful death that had threatened to engulf us, I stopped the car upon the hare summit of the mountain, the eastern sky was glowing rosy and role cold. Could it be that so many hours had passed? Could it be possible another day was develop? terror seized me, held me mute, vaning. What terrible, was rising three hours earlier than it should? Had

elightest wavering, the least veering of the whoels

was beginning to function aspels-wet if the sun were rising the earth must have speeded up its rotations. Could that have harnened without my realizing it? Could it be possible that the sphere had so increased its revolutions without destroying everything upon it, without harding everything shout like chaff? But too many incredible, inconceivable events had happened during the past few hours to enable me to find through my broin in the fraction of a mound. Then above the farther fagred summits and snew-exped peaks, a tongue of vivid red shot upward. And even an realization came to me once again, that huge flery moon, not the earth that had increased its speed, that Yet that did not become the danger, did not alter the certain fate to which all life upon earth was decreed The satellite was near-incredibly near us. It seemed even larger, more terrible than when I had seen it before. Huddled together upon that blesk Andean summit We three watched it with beted choking breaths, too awed to utter a word even to group in terror. Then I noticed that the surface of the rushing, glowing sphere seemed strangely altered. I could see none of those cruters I but recognized before, and with this discovery came wooder that I could gaze at it without being blinded. Certainly-my mind unconsciously rea-It seemed more of an orange, a golden color than blazing rad. And then-was I going mad? more the surface of that great globe, I clearly saw the outlines of

land-of continents, islands and broad oceans? What did it mean? What had harmened? Was it the moon or Sudden stunning comprehension came to me. I was uron that surface that never before had been seen by parameter reposent its entire area to the earth if its rotational spend had increased to correspond with its increased orbital speed. It was clear as day to me now. And then a great relief, a great for surged through me. The thing could not be ablook could not be moltan, for the oceans, the water, were there;

some other planet?

Its color, its fiery appearance was ontical-the result of atmosphere, of reflected sunlight or eartblight or perhaps because of the satellite's nearness. Yet my beart sank and I falt numbed, chilled at the throught. Hot or cold that terrible thing must inevitable Words cannot describe the hate, the anger I felt. It had had destroyed hundreds of thousands of human beings. It would bring about the destruction of every living thing to earth. Shricking, screaming, I sprong to my feet, cursing, shaking my fist at the speeding pemesis of the human race. For the moment I must have gone

CHAPTER III In the General Unberval

HEN came the eartheuske. No words can describe the horror of it. The solid rock rose, heaved, billowed. We were toned about, buried to the earth. The mountain peaks seemed turnbling about our beads. Stupendous avaisances thundered down the precipies. The world seemed a chaus: the mighty Andre reeled. Great chasms split the rock-walls asonder, and the dust of riven mountains, of descending landslides coveloped up in suffocating clouds in whose blackness we grovelled, clong with fingers to the stony ground, shricked in maniaral terror. Then abruntly.... offence. Silence as awful as the terrific muddening din of an instant before. It was as if the world had ended. -we three, alive, unharmed upon that isolated mountain summit, perhans-I shuddered at the theorets-the And even we seemed accrealy to be allow. All action. us by that fearful convulsion of nature, and we cowared there, wids-eyed, dumb, moticuless, tensed, wait-

our douths. It was the shild who broke the spell, com-

plaining fretfelly that the was thirsty. Somehow that

was, small voice, that familiar sound brought us back

to earth and to senses and life with a teck. And as if

awaited, once again the familiar sounds of the world were resumed. A lineral rushed with a swettling noise scross the recis. A cactus ween trilled eleculy. A burrowing owl attered a pinintive beet. Some invest to our ears, and the air was filled with the faint, aimost insodible, inexplicable night sounds of the moontain beights. A strange, amening reaction swept over me. No lenger did I feel tarrified, desed, trambling so nermal, so natural. Even the night had lost that Aside from a strange, beavy, burnid feel in the still air-the bot, stearning feel of the troofe lungleswhere it should have been crisp, cod, invigorating at those beights, there was no sight, no sound, no indi-

moon, the universe, were not following their ordinary

accustomed courses. Only our presence there upon the

mountain top, my daughter and granddaughter there alone with me beside the car, convinced me that it had I rose. "Fil get you a drink, Chingits," I said. I want to the car, secured the thermon flask invariable in it. for in a waterissa, desert country one never travels without water-and returned with it to the child. Her mother also drank. But none of us spoks much. A few questions. Answers. A few stiffing solo from my dearther as I told her of her mother's death. A over of pity and horrer for all the thousands who must have perished miscratty. Then: "Thank God, Frank may be safe!" the said. "Can we—Oh, Dad, do you think we can reach bim? He abould be at Rincon. Do

is over ten thousand feet above the see. But, of course, sarthroaks. But I feel sure be's all right. Come! wasting time. We must be cetting on. We must reach

you think he is usfe there?"

then push on to Binson. I-"Rut, but-" she shuddered and elutohed my som convulsively, glancing nervously at the sky as abe spoke-"that that awful thing, that blasing-" "The moon," I told her, "didn't you know. The moon

has gone wild-bas flown out of its orbit. But buryet. Of course, if it is coming closer, if it strikes the earth-even our atmosphere-. But it may not, it may he recording. And if it comes to meney. I don't think We were dissibling into the core. "As I look at it," to contained, and I found weatherful relief and a wast amount of returning enoughtons in Lilling. "We resolved assume that the containing the little waste have been as the containing the little, would have securing the containing the little, waste for containing the little, waste of the containing the little, waste or produced as the containing the little waste of the containing the little waste of the little

high. But the succusians, the beights, may remain unstakened, and herring anothers it cames the we've all who were above the reach of the tital waves should not be sufficient to the controlled of the controlled of the "Oh, but it's two territies, too swind to think of the poor projek! To which that themsand—millions—must have been allisted" she cried in anguithed tonou. "Yes, yes, days," I conforted her. "Whit perhaps the loos of life was not to great as we imagine, And we are a visit of the controlled of the controlled of the own any of the controlled of the

ethers also escaped. Don't ____

I BROUGHT the cut to a joiling step in the nick of t time. Almost under our wholes the road woulded in a yawning hiske therm. Our way was barred. The earthysate bed split the meantism side from top to bottom and where once the road had been was only abymusl space and riven, accord, shattered rock. I descended from the whitele and peared about, but was unpossible to make out appring in the dark-

"Don't be friphtened not discovered," I sail, as I returned to the now usaken ear. "Wirth daylight come we'll be able to find a trail or an old road—the arctent loan road upon seep rate bene-mad we can make our way on foot to the Bittle Village just layered that hamp-hacked right. We'll find food there, Indian, hamp-hacked right. We'll find food there, Indian, loan for the sail of the sail of the sail of the sail leave, but if it's alove, it will be sain. And ."I clothed as I looked at my watch, "it's will some be daylight.

The words stopped on my lips as a pow and first of the most more just found in my lips as the most more just found in my lips as the learning red places would come realizing to from the south similar metal places would come realizing to from the south similar places. The most major major in my lips and my lips are south to be a south to

appear.

We had not long to wait. Again the contern sky glowed and giousned with colors that at another times and note normal circumstances would have been aweinspiring in their geogreeouses. Once again that lembert bunner that to the neith like a flory hersil, and once more like a redship carmon hall first from a time.

tatio gran, the moon seemed harded from behind the monntains into the sky. But the time-despite cursolves—no closered with terres-cilial gran from sight, the control of the sky of the sky of the control is reached the sky dawned, that the sky was a text I realized that sky dawned, that the sky was pith and than-clos low waterons it seemed—the sun was writte in all its splender in the east; the same of the sky of the sky of the sky of the sky was body that was corr satellite.

body that was our satellite.

Where azonot experient the relief we felt, the conforders that was included they as at the sharing raw of
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the sharing almost the foresters light of day, almost the
tental, sharing the sharing that the laman-shar in
total. No worder I thought, that the laman-shar in
the sharing where shared absort traval, about raption. No worder I thought that the laman-shar in
the standard sharing the sharing that the laman-shar in
the standard sharing the sharing the sam and
daylight. San charged her hands in delight. There we
discussed to the charge of the sharing the
prophytical sharing the waylish sharings and
sharing the sharing the waylish sharings, and is

was nothe Britared over the pair, hirrowed face of my daughter.

We had little treable finding the tred? Brane public ble everywhere in every direction. Set at il, I know, ple de everythere in every direction. Set at il, I know, ple eventrally to the saction those road, and though the climbing was bear, drough we paint and strength though in the now territ, stouring best we were demanded with perspiration, yet in time we topped the demanded with perspiration, yet in time we topped the demanded with perspiration, yet in time we topped the My only four was that if, too, had been discupsion and mode impressable to the earthquark.

In plans It had been injected; errole yazonel to ja, and an error and political and metallication and produce the property of the produce of the plant produce the produce of the plant produce of the

then place at those occurrent on each photomers. We are arrested. As the other was a hard and warry farmers before as, and I ministed upon head of the control of the contr

pleased me greatly, for with it I fult I could no doubt

ment food. All these things and many others I pecked error the backs of the Bamas, retaining the donkeys for A⁸ I wandered shout through the village, I night have been—in fact for all I knew I was—the only man left upon earth, yet so normal did everything

kill wild birds and animals to sprely us with fresh

the liames and donkeys, the vegetation, the blue sky, the elacters on the peaks-that I could not force my had occurred, even though I had been an eye-witness of it. Environment is, as I have observed, one of the greatest, if not the greatest, factor in governing men's lives in actions, and my environment in that Andreas precisely what it would have been under ordinary confitions. No. I must qualify that statement. Ordinarily it would have been cool, fresh even at midday at that altitude. Now it was but tremically hot, with a strange heaviness in the air, and as I glamped at the glaciers and snowcapped peaks, I noticed that innumerable streams of countless ases malted and dissolved under the abwater and the erosion of those newly formed streams, great magger of ice and snow would be dislocked and would come thundering down in avalanches. That this unusual heat was the direct result of the moon's wild antics I know, but I could not reason why it should be so. The moon, I felt assured, was not hot-at least not a melten nor flery mass and I reasoned that if the

tion through our outer atmosphere, then that same furnate. Not mattl long afformands did I leave the wards—until years later—did we learn of the trus state of affairs, the incorreivable alterations that had taken place upon our earth, and of the pelmaginable effects brought on by the moon's mad pyenks. But, as it is necessary that some of these be known if for the better understanding of my readers, I will briefly mention some of the more important matters. The series of tidal waves that continued for months as the moon raced about the earth had swept coasts,

plains, deserts and valleys, every portion of the earth. normal level. And as fully ninety per cent of the world's ture, science and bearing; its manufactures, its transportation systems, its governmental scats, its archives, below the two thousand foot level, every vestige of these. been utterly destroyed. Of course many though in comparison to those lost a nitiful few-had escaped. that by miracles had survived, and others, like ourautomobiles and other ways. Also, there were meny towns, many great cities and a comparatively large population above the reach of the sturendons waves. foot level, were in interior valleys or plains where, pro-

But it was safe to say that fully one half of these

and fully one-half of their inhabitants were destroyed by the terrific earthquakes. Had it not been for the survival of these members of our race, these inconadderable numbers of cultured, civilized marrie (I was about to say superior, but we know now that there so go "superior" ruce, that all, if given the agme corrortunities would be equal) the physit of humanity world have been hopeless, man never could have faced and would have reverted to what we then called savagreyhave been exterminated, for a large portion-at least thousand five-hundred foot level, were barbarous, uncultured, bestile, cruel, primitive and pomedic recolewould have jost what little culture thay possessed and terrible changes that were brought short, thus leaving the earth devoid of human life. But fortunately for our tories, and countless other accessories of civilization and learning-were beyond reach of the devastating reach of those tides so that in due time the various with one another, though not for years-penerationsonce more become case and had settled into ite accuson earth and see. If you, my readers, will examine one of the maps showing the surface of the world in those appeart days, and will compare it with one of our world of today, you may realize the transformation that was produced. But to us it was even more marvelous. more amazing, more incredible. The irredictible waven and weshed away descris, plains, velleys and hills Wherever there were large rivers the tides rushed inland along their beds, transforming the streams to great troppels in the surface of the land. And as each of the it had wrested from the land and deposited it elsewhere met times on the bottom of the occurs, at other times in distant spots on the shore. Also as the lower lands were washed and torn away by the incoming create of the creat wayes, they were transformed into

NORTH of what was then Europe there uses a group of islands known as Great Britain, a group of islands known as Great Britain, as the great powers of the world and the seet of west isolated, graggy, herren rocks. Upon what, in the older mans, is marked "Rurope," the alterations were even land, Belgium, and Dermark almost completely vanished. forms, vineyants, fields, great cities and bives of teemhad flowed, the tides had gonzed out a great strait

great bowl-like depressions that, filled with mater, be-

same immense estuaries, guifs, have and inkerd seas.

offer miles in width, transforming Italy into an archipelage of low inlands rising in spots to lefty volcano that vast land called Russia, with its teeming millions, whose worred minds and views had threataned the peace submerged, and, with the highlands that remained, of sait Iskes. China, the seet of the yellow men, was much the same. Between what had once been Soeln toined by a range of hills and duner, while eastward, mere estuary of the Indian Ocean. In northern Africa as the Sahara, but this had become a portion of the ocean. In the western hemisphers the changes were as great, if not greater. Of that richest of the world's autions—the United States—little remained. A long marking the former Alleghany Mountains and rising above vast mod-flats, here at low tide. West of where the event Mississippi River had once flowed was a vast marsh with great inland seas and salt lakes stretching to the Rocky Mountains. Southward land no longer separated the eastern and the western occase, for only upjutting, rocky peaks of desolate islands, and the saw-

that once mightlest of rivers, the Amazon-had piled slopes of the Andes, had yone rushing, rouring back, following the low lands, the river valleys, only to be met half way by another and another incoming tidal ways. The macistrem created had secured fathernisss South America an unrecognizable ocean dotted with new industs, some of continental size. Only the mighty Andes had remained but little altered; but even they remained, not as a mountain chain rising above deseats and junzies, but as a narrow, lofts peninsula... like the backbone of some gignatic moneter-stretching for with this travers away of the land for millions of equars miles in some places, immente new lands had arisen alsowhere. Much of the detritus, to be sure, was deep hereouth the rea. Areas that before had been many miles in depth had been filled until they were shoals, and in other spots buce islands-small conislands, not too far distant from the mainland, had

toothed videes of the higher mountains rose above the

sea. Of all the fair islands that once had dotted the

tracts. All of these tensiferentities of the surface of the cart week have been received to have changed climates everywhere. But it addition, the preced coan currents had been completed valued. That known is my youth as the Galf Gerssem—a wast warm conside of North Auritica—had vanished as one on the verno barrier for the ever-westward fineing equatrical waters gifed up by the trade with as fath constringual feeze of the sartify rotation. Another great current, known as the Humbolt, that

they formed integral portions of the neighboring con-

atter of the courie atmosphore had assard the plant forcespic tental fired healt ga, and steppendes currents of cold water filled with finiting massies of its, flowed of the control of the control of the control of the trains, Africa and India. For a time all the worldcorns and lovel, questioned very with a love worldcorns and lovel, questioned very with a love worldcorns and lovel, questioned very with a love worldcorns and lovel, questioned very design of the which control of the control of the control of the which control of the control of the control of the which control of the control of the control of the data was a second of the control of the control of the that not lovel was taken of und mattern, and it was many years after they built intent fixes or anyone know

By this time, the areas of land and water had become fixed, fully established, the new ocean currents had settled into definite ourset, and vegetation, as well as animal life, adapted to the altered conditions had been as it had been previously, would have thought it always had been as it now was. By that time, too, the longer run wild. While it still remained for more the earth than formerly-bardy ninety thousand miles us (as it does today) its first mad speed had decreased until it required suphteen hours (18,03786 is approximately exact) for it to make a complete circuit of the earth. As everyone knows this resulted in our new six days (nine months of fifty-four days each) thus doing away with the clumpy arrangements of our apcastors in which the sun days were counted, with the result that their months were of ansonal length and an additional day had to be added every four years. Naturally these changes in our satellite affected the tides, an that today we down our two-hundred-foot tides normal although before the moon ron wild a twenty-

is feet tide was combined energous.

But, as I have said, all this was far in the futum, a when, on the was, far in the futum, and the deserted mountain village, and packed the needy ful things in preparation for our long fourney to distant a feet of the control of the contro

CHAPTER IT

What Is a Superior Race?

THERE is no need to record all the insidents of that journey. It was no different from any similar increase over the high Andre, bursting the growter.

I more over the high Audio, having the proader discussion and by a results of the entripoles and furnishment and the property of the control of the entripoles and the high and the property of the control of the entripole of the control of the con

bassit and had not been riven or split to any great extent. Here and there masses had drouged away leav-

ing the trail narrow and rather dangerous, and now and then we came to small cracks. But by picking our way with care and making detourn, we were little delayed. We slept wherever night found us, in sheltered sulleys or on the bare mountainside, for while coverns case of another quake and thus find ourselves hottled up in a cave. Ordinarily we would have applered from at night the air was warm and balmy and we needed trouble was the rain that fell in a steady penetrating mist, like a dense for, each time the more raced overselves to the most astounding matters, that, after the first two or three days, we gave but little keed to the great orb which twice every twenty-four hours. came hurtling un from the east. Indeed, I believe, had it not risen, we would rather have missed it and would have felt more troubled at its non-apbegun to take it as a matter of course, and I noticed that each time it rose it showed a different portion of its surface. When it passed, rushing overhead

or the Officials, when It patiest, classing outstand, with a beginning of the official control of the

Also, on that first morning when it had to terrified us were conus we convent during reads of the owing of this worse, on an own convent during the own of the contraction of the cont

appeared some approxiable time earlier.

as the was construed.
There was another interesting feature of the ploThree was another interesting feature of the plofield of the plant of the

nearly bull of the plant had lest its verif exist and appeared as globe, partly their and partly brainfasted guid. Yet it mere became really dark nor old it, as formity fries and ast laine require, each days. It recomes must create fashoon. Thus the first days it had supeared it. It in the creating and again at three in the merities. A day or two lates it had rashed into view must create fashoon. Thus the first days it had supeared it. It into the creating and again at three in the merities. A day or two lates it had rashed into view marriage (seen time extres summit). Then it had not appeared until quite lake at slight and not suff lake in the afference of the board day. And now it was popular

I was some time before it dawned upon me that this naturally would be the case if the more was slowing down, and at the same time I realised that if I had not been terrified half out of my senses. I should setting, if I was to get at any definite decision researding its actions. But it was too late for that new, and not threaten greater dangers than we had massed and my mind to the more practical and concrete affairs that we faced. Several times we came to villages, but all had been descried, although in some we found the inhabitants had begun to straggle back. And I was prised-to find that the Indians, who had (cetensitly at least) been good Christians, had all reverted whelly and openly to their ancestral sun-worship. In the great the offspring of the sun, who was coming to earth and scelling a safe landing-place (they had seen nirnlanes kind seeking a landing spot) and they felt positive, as again ruled by an Ince as of old,

I could scarcely blame them for their belief for, after all, their theory to account for the phenomeno was scarcely bean credible than to believe that the mounhad run wild.

The indiseas, however, were a great help to us. From

these bounds guides, there is have the flames, and inthings. The natural better Partie of the side and lives. The natural better Partie of the side of the parties of the side of the si ing sea and the returning wave. Brave fellows! They knew their own doors was scaled, that, cut off from all the root of the world, with only limited surplies for a few days, they must soon succemb to death by starva-Yet to the way and they continued to keep up communication and to report all that was taking place. And by the mercat chance their lives were saved at the

eleventh bour. It happened that an airplane had been partly wrecked in making a descent on the high plateau wounded aviators reached the town and learned of the pight of the San Pable radio station, they bereignly declared that they would patch up their machine, and despite the fact they were shart of fuel, would attempt The Almighty must have guided and protected them. for not only did they males the attempt, but by a sloves of San Pahlo, and with the starving men they had saved, they took off in anfety. Their fuel tasks were dry when they reached Rincon, and had they been forced to fly another mile, they would inevitably have been in vain. But theirs was but one of the almost superhuman feats that were accomplished, though at the time we of Rincon knew nothing of them. Scattered throughout Peru and elsewhere in the world that while no human below remained upon the lowlands after there had been swept by the tidal waves, yet there were many isolated communities and even indiable purpose in maintaining a more or less regular communication between the various grouns and comindefinitely in their lofty environments, were completely cut off from one another. But of course all this took time-weeks, months, years-for a long period everyadjusting themselves to the new problems, the new life they faced, and to planning for the future; pro-

AS I have mentioned before, many of the world's A greatest astronomical observatories were-for altitudes. As a result, the scientists in charge of these were able to watch the antics of the moon and to draw

All sorred that the rause of the moon leaving its when the audden alteration had occurred. It had simhad come hurtling towards the earth as a rapidly reddering sphere and had gone madly racing about our planet at terrific speed. Very possibly, some scientists declared, the sudden chance had been caused by the orbit. That such a collision would not have been revealed by the finch of light, even the complete incomdescence of the planet, was, they stated, explained by the absence of atmosphere on the moon. But at this, other scientiats at once reminded their compeers, that or other indication of the collision visible upon the

No doubt, retorted the spensors of the theory, the impact took place on one of the continental arran cothe moon. In fact, they west further and avewed that these seas, the atmosphere of the mosn had all been collision, the impact having generated oxygen, brdmryn and nitrogen, thus surrounding the moon with an enenthused over their theory, and sugressed that it was one theory or another was the correct one. What we all (and of course by "we" I mean only that comof Peru) what we all wanted to know were facts not theories. We wanted to know what to expect, what lasting effect the alteration of the moon's position and orbit would have upon the earth and upon ourselves. what the climetic and other changes would be, and would gradually full back to its old restine or would

To our chagrin and diagust, the astronomers could give no astiofactory replies. They could guest, could surmise, could theorise but could not say definitely what might or might not happen. They did, however, orbit, which as far as I could see was of no reactical value. Also, they determined its distance from the ... which was comforting, so we still feared that the ingene planet might suddenly decide to have into the

Also, they serred usesimously that the chance in ellidependent entirely upon the resources of the highlands, mate was directly attributable to the moon-which and to protecting themselves from the iswissaness of everyone had already grouned-and they prophosed their fellow men. But all of this is matter that should in all probability become naturated with maisture owing to the far greater evaporation caused by the fromosed temperatures over all the earth and the greater areas of water that would in all probability (they did not then know that this actually was the case) be erroad over the surface of our sphere. But they fell far short that for years to come-for generations-the greater would over be bethed in bright sunshine. Norther could ther foresee what terrible results would follow this universally increased warmth and humshiv, and while they from the surface of the moon as if from a stupendous

> and for that matter the other specialists in various of the survivors of our race. They had so keny been nonstoried to working our problems along established

now, when all fixed lows and contribined islate had been been discussed importance, then were at a total bow. In this melection is the satisfacts—the tower, that the lower is the contribution of the whole had acquired howevidge through carried and the contribution. The contribution of the contribution of

tions upon recognized and apparently fixed laws, that

best upon lines days, I realize that we were all "nor" as the del saying halt. We were all livery norreas, it had look friends, familities or door norse. We were kept in a constant reservending state of tense expectancy, not insorting white helped occurs not, and we were form the contract of the contr

But I are getting about of my narrative and an eigeneeing. I must pook to those saline days when the little, enibel eseminarity of Bloom began to jobt Oddy account, buddy account of the control of the control of the control of the control of the interference of the control of the control of the interference of the control of the control of the interference of the control of the control of the words would go larked to account. Loter we learned that causify the issues foolings promised in every include community throughout the world. Bud, of course, at control of the control of the control of the control of control of the control

And it was a number of years before we had pertium on drivet commissions with these various local groups and had become so organized that we could work in unitee and could form a more or less homogeneous entity. And have I must digrees again to sention the strongs fact, that in many respects the felterior consivation of the country of the country of the country when the country of I was an indisam—though to be sure a most unround

and acceptional Indian—who really pared the vaw for the narvival of our rose and our unimate transpit. It was the Indians upon whom we had to disposal for the control of the control of the control of the control of the successfully combated the dangers that lake no head to and threateness to sulmated our most. And it was presumed to the control of the presumed to the control of the control of the control of the talk a supposally "imperfor" mas may adverged values and presumed to the control of the control of the control of the presumed to the control of the control of the control of the presumed to the control of the control of

If we had accomplished nothing more than to learn this now universally recognized truth in respect to our fellow mm, I feel—after all these years—that the terrible catastrophe to the world was not in valu and perhase was the best thing that ever happened to mean-

Date resided were of the meaning wither new Yes the bar before the property of the property of

then five hundred all told, and of this number not more

We would not common or time including for all was been as the control of the cont

true of every town of any importance on the castern famile of the Andes, and La Pra-or rather the howl-

like valley in which it had been-was now a doon, calm

or Tana mil and the loss of the east the distriction of earlies and a property in the measurement of the east of t

they note, I can be seen that you are in value and the seen that the see

Indians and their beliefs, history and dialects. No. that magnificent character, that henefactor of humanity

... the Inca. Chukis Husray-whom every Eving man must I ferret those two heroic men-Grayson and Ellis. without whose magnificent courses and sportfee our people would have been totally exterminated. But once more I am digressing. I find it hard, indeed to adhere to the thread of my tale as memories.

sweet and and, crowd upon my brain, as outstanding So I had better begin once more and, emitting all

the routine and the duties, the acts (important at the details, the daily life, the hones and fears; in fact, the intimate, monotonous history of the weeks, months and years that followed my arrival at Rincon, plungs and infinitely more important occurrences that followed.

CHAPTER V

The Tree of Life ONE of the first great changes that we noticed green things were springing up on every side as if by magic. Even upon the highest mountain tops where hore placers and snow masses still re-

mained-plants began to grow at the very edges of the melting ion. Every erevice and erenny seemed to spring into life. There was no spot so bare, so barren, so apparently devoid of soil or routheld, that plants of some nort did not grow. Mosses, maiden-hair and other ferns apread rapidly over the rocks, vines began to clamber over the sheer preciptoes; where there were gullers or tiny basins filled with detritus, shrubs and trees shot up mirroculously and began to form dense jungles. And in the high mountain valleys, along the river beds and on the stony wastes or pemas, rankly juxuriant tropical vegetation rioted. Where the seeds, fact remained that in a wonderfully short time the once bleak Andes were masufficently green and as beavily verdured as the treniss in the old days. And with the superable growths came living things-reptiles, insects, strange birds, and quadrureds. Some were those to which we had become accustomed in the lowland functor and had probably escaped destruction by taking to the hills, but fully as many appeared to be new forme we had never before seen, though doubtless they had existed in the remoter unknown portions of the land. many seeds, nuts, fruits and vegetables, which, for all we knew, might be meet useful and important to our fives. Yet the ore among us who was a betanist-ee supposedly so-could give us little information in regard to the things. Seree, to be sere, he recorded as did everyone else-but in the case of most he was an much at a loss as any of us. He "thought" this or that might be edible as it was related to some edible species. And he "thought" others were injurious as related that one species of manior was peleonous and a closely

reasted, and I saked him why he should assume therefore that because one thing was edible or poiscoous, a nearly related enocies should necessarily be the same. He could give no suggest and suggestionly suggested I should test them out by eating them. To this I rather

As I had always understood that a monkey could be depended upon to select edible from inedible vegetables. and fruits, I set out to capture one of the beants, and

after a few tests and trink, decided we could depend As by this time matters in our community were run-

ning fairly smoothly-and I must remind my readers little world of our own-and as I had had a great deal for the undertaking. I devoted must of my time to exploring the recentain and blob valleys, searching for new and useful plants-as well as for any possible communities of resple-and incidentally endeavoring to locate some extensive fartile and otherwise desirable velley at a lower level than Rincon. The sittings of Rincon did not agree with many of the necole. There was comparatively little hand fit for quitivation in the vicinity, and all had agreed that if the community was to survive and increase and prosper, we must move to a more favored snot.

Very often these embrations took me considerable distances into the mountains, and quite as frequently l came uron isolated villages of Indians who had, I noticed, invariably reverted to their ancient feith and customs. All, however, were gulet and friendly, and as I speke their tongue and fell in with their customs while among them, I got on famously. So, on one trip, as I pushed my way through a derne growth of treeferms and thoray palms filling a narrow cleft in the hills, I was not surprised to hear the distant sounds of music and voices. Expecting to find a small Indian village, I pressed through the last of the jungle and stood transfixed. Before me stretched a magnificent. verdured valley which at my first glance I realised was the ideal spot for which I had searched. But it was not the valley with its smarkling river, its groves of areat trees, its well-tilled fields, its grazing flocks and herds that held my eyes. Within it was a city-a city hill topped by a great stone temple.

In every detail it was the counterpart of the speient, ere-Incan cities with whose remains I was familiar. cities in ruins and deserted. But the city before me was not in runs and it teemed with reorie. That local, present-day Indiana had taken possession of a newhistoric city was my first thought, although it was so. But my second glunce secured me that these were no local, ordinary Induans. Even from the place where I stood I could see that. The through that, in a long procession, were moving towards the temple on the mound, were clad, not in the garments of the modern wore the sheet ornate tenics, the full cotten trunks, the feather leg-bands, the gleaming ornaments of silver and gold and the turban-like liantum or head-bends. the decorations of centuries long post; and all the women were the equally ancient dresses and costumes of Incan days. What did it moun?

Had I by chance stumbled upon that legendary, supposselly mythical hidden city of the Incoa? Before I out that cashew seeds would take the liming off one's sion had reached the base of the terrole-mound. It

divided into two columns that helted one on althought. of coones (Infran flutes), drums and borns, Then, through the lane thus formed, a group of the temple doors. No second glance was needed to tell me they were priests of the sun, and that the tell, splendidly regal figure, with his headdress of glearsing reulebare or tangetry for in his normen I near the Evene reincarnation of the Incs. I turned to my Indian guides. But both had fallen to their knees, and with they had seen in the hidden valley.

BEFORE I could frame a question, a mighty chorus of charting values carss from the city. Above the forested hills the full moon, a ctorious sight new that valley in soft, rosy light and imparted a golden tist to the temple and the buildings of the city. With one accord the waiting lines of people threw themselves supplication to the planet. Then they, too, dropped remained thus. Then they rose and entered the place of worship, and as the reverent thusaws rose sleady to hine spiral from an opening in the temple roof. A deep sigh frees my Indiana broke the spell. They were nothing of the city and its people. But they were filled orice of legends, traditions, of mysterious rates and the forgetten glories of their forefathers. And when, the Still, they followed, and precently we found ourselves in

No hostility was shown us. The people gazed at un by his dress I took to be an official of some sort. I spoke to him in Quichus and asked to be conducted to

He replied in the same tongue and led the way to a large stone building, at whose massive pertals steed two armed guards. But I had no need to sak permission to coler. They seemed to be awaiting me, and leaving my Indiana quiside. I sterned through the degrees of the naloce. An I had moved through the streets I had noticed

that the buildings were applient but had been repaired and renovated within comparatively recent times, and on I entered this manualwe stone structure I saw with a glance that it had not been in use for very lone, that frences were evidences of long distance and of the

But I had little opportunity to note these facts. I had entered an inner court or notic filled with fiverers and shrubs, with bright olumneed hirds in wicker cases. and with a relife, white Harry standing at one side Seated upon a bunch covered with gorgeous robes was the man I had seen upon the termie stens. Though he comple conturns of the other people, his commanding

knotted Bants over his forehead, and the great shellchaped golden pendents that hid his ears told me that he was a man of royal blood, that he was recognized by his people as a ron-of-the-sun, a releging Inco. Vet at the time I was scarcely conscious of them details, these trated upon his person and his face. As he rose to greet me, he steed teller than myself. A magnificantlyformed, powerfully-built man, broad-shouldered, decochested, lithe, supporter and erect. And his face blo I might say. His bread, high foreboad spoke of tremendous mentality. His soft, expressive eyes soumed filed with the wisdom of the ages. His straight slightly som to his face, and his thin, firm lips flickered to a

orience fringe or horie (a tappel) that fell from his

In as few words as accepible I explained who I was what I was doing, and inquired about the city and his people. For a space he sat allent, deep in thought. Then he spoke, "My lord," he said, "sake many things. Know ruled in the days before the Bearded Ones came unto laid waste and my people destroyed and englayed, as my lerd knows. But it was prophesied by the Holy Ones in the days of the Isra Wira Kocha that when Inti, the the aky, then would my people rise and own the land and dwell within the cities of their fathers and should bold, my lord, it has come to peco that once again lati rides through the sky," He pointed dramatically uphigh in the evening sky. I was beginning to understand. These people whoever they were had mistaken Indiana throughout the mountains) and they were no-But who were they? Why were they here in this ruined

The man who called himself Inca Chukis-Huaray was explaining. "So, my lord," he continued after a moment's allegae. "When once again, an foretold, Inti orpeared unto us, I, the Ince, aummoned my people from far and near and led them to this city of Arbuna that we might dwell again in the valley of my fathers and might worship Into as of old, for the prophecy has come to ram, even as I had it from my father, the Inca Ameru-Huay, who had battled under the heatner of Manor with the Rearded Ones, and who died in the year of Mesec-Nine, when I was but a young man,

I rasped. What was this splendid fellow talking about? What did he mean by calmly telling me that his own father fought with the Inca Menco in that memorable seros of Casso four conturies before? And what was this he was telling me about having been a young man when his father died in the year of Mosse-Ning! in mental arithmetic....Good Lord! That would have count) ago! And here was this Inca a mon in the noises of life-deliberately and in all performance in-

"Takonapay-The last case for their cepts. Libertly "The Fact

interes of the Easth Villancy—The later to the linear dyname who were in swinting against the personnels as Caroo and beyonged the city fits a year and equity semiclassic or assessment Chapter in April New Fire that the year A.D. 1863.

forming me that be was a young man nearly two centuries in the past! Was he mad, was be remaining or was he merely speaking allegorically? My curiosity are the hetter of me.

got the better of me.
"But tell me, O mightly loca of the bouse of Pantla,,"
I said, "If thy fiether fought under the relations beamer
of Mance in the year of Kori-Hunyts," how could be
by tallied in the year of Moso-Nina? And how could int
those, O great Inc., he allow today, if thy father told
unto thee the sundent propheny or be field in that fare.

dutation time. "
The lines around, "I wonder net that my lood role The lines and "Plet to grow for of the rose of the soun of Wira Kocha', the linested One, and he knows not Wira Kocha', the linested One, and he knows not them usite any lord, for it was fortribal in the long way the lines are not seen to the large and the lines are lines and the lines are lines and lines are lines are lines and lines are lines are lines are lines and lines are lines ar

cust years bad aped during that time."

GARPED. Always that fast to which he referred had been an archeological quote. All electricals agreed that the dil Insan Engine must have referred for fully two chosens of year, and yet, according to Insan hatory and tradition, there had been but Uniform less and two of them had related together. But seem less and two of them had related together, for the less and lived for one hundred and dity years any—say, I could not helderly that. A man sight—some in a great white—live to reich na say, but as a register thing —impossible. I and white was thin concease about the

Tree of Lafe, whose note endowed the outer with absornably long BE; What strange allowered myth was this that the lone was relating to me? Of course, it was a styll, but it was an was interesting, "And where, O mighty lone, is this Tree of Lafe?" I asked. "And why, if the people of thy tree knees of it, do any do?" The lone mainled and his eyes seemed to search my

soil as he grant fluidly at line. "No, lived doubles would be an exact fluidly at line. "No, lived doubles would" he and half-questleringly. "We are no posterior with the control of the

Icon. And, accrover, this tree bears its life-giving ruth but once in each Packangaid.

"But this, my lerd, in the year of Paus-Salies" when the Tree of Life will have its flowers and it suts, and I grives that I have no son of the royal Eng that he may set of the ruth and so live for the Packangaids or more to rule my people when I have passed to my fathers. Yet it was forested), my lord, that with the passing of the last Inco of the bouse of Panalos, a man of the race of the Baarded Ones would come unto the land, and that his corning would be made known by the coming of fair yiding in the sky, and that to bins and to his children and his children's children abould the scoret of the Tree of Life be made known. And it was forced in

will the prophecy of did be fulfilled, for Inti wearins of ottific and we and bettle sense for he children."

For a moment I was silient, actually awed, impressed by the words. Bill they were, of course, purely after a curried, All that was of any real mensual was the fast among the children of the course of

off ways.

The Inter was a wide, free-lighted fellow, I could use the Table Inter was a wide, free-lighted fellow, I could use the Could be the Coul

white men invate his secret decent, now that he and his rose had, for the first time in centures, an opentuody to smalls their traceless, their former cetter and traceless of the small control of the small control of their control of their control of their control of their control milesty lines does not these fear the Bearded "The milesty lines does not these fear the Bearded comes to this history obey will tracel the profession of Thaumitings under foot and process Researches

a. Ones: "I quirried. "Does he not fear that if my people comes to this indict valler plus vill Irread the propie of Tabusultions under Fool and possess bessarbias of Tabusultions under Fool and possess bessarbias of the propie of Tabusultions under Fool and possess bessarbias of the propie of the propies of the pr

thy people have dealth ore only after the coming of Init, don't these and in they wear the generate of long ago and live and worship as in the days are the Bearded Orose case into the basil.

Once case into the basil.

The fina crailed. "As for this, my lord recycle that they have been a second or the line of the second of the long ago in the sky and that much may be done in that these. And its second that consecutions of the long ago in the sky and that much may be done in that these. And its second that consecutions of the long ago in the long ago in

awart the day when lott, angry at those who had oppressed his children, should desirey them with his might and should cause the waters of the great see to

She Sharm-Solds Rever. The large year of 12th A.D. awant the day remark that the control of the present of the

Intil I known to myrolf, so he known of the tolked Archael Learn Learn Vester on Than by poles and he powle will enable to hear of the goods who remains the control of the

It is not essential to repeat in detail all the convercations that followed that day or the most or during

The Inca told me many though much of the history in his conviction that the moon was the living manifestation of the sun-ord, Intl, the offcuring of the sun morn had vanished, it was natural that she should to her divine sun on what better record was required? While for a time I could not make mount believe that myself wondering if there was not comething in atpoaceosed marvelens medicinal properties which actually did prolong the span of human life. After all, I credible, in the story. Many of the medicinal plants in common use at that time alded, indirectly, in the certain that-unless the Iron was a past menter at and apparently without realizing & intending it, be knew, had taken place from pinety to one hundred things as great earthquakes, columns, and similar mattere, tales of which might have been handed down

and quite focal contents and amounted that he would show me the Tree of Life, I had become almost connect—in my own mind—of the truth of the almost incredible and accordingly preposterous takes he had told.

CHAPTER VI

Prophesies Have Come to Pass

O F course, today, we all know of the results that
fellared. We all know the revelations made to
me by the Inna Chulds-Huarry were the literal
truth that the Inca was unquestionably the crustets

bendincter of the human race who ever lived. And or accordinged have we become to lifting to what, in those days, would have been considered incredible ages, and we are so familiar with the cultivated Life Trees and their marvious fruit, that my incredulity at that time or dulid comm as remarkable to my rendow of today and the second of the second of the second of the Yell was not nearly as increduling at very others. Yell was not nearly as increduling at very others.

when our most of the content, of public ways, and the content of t

I was—bet we see—speaking of the incredulity of others when, having superly partaken of the fruit and having pathered more to carry to those in Rincon, I at last bede farewed to the lines for a time, and returned to my friends.

All listened eagerly and intently to my second to the valuer, the payie and the lane. All were cuthurd,

unit were the size of queries to its place section of the policy of the illustration scaled and could fine at its whole the policy of the illustration of the court to must be realized, and though a few series of the court to must be realized, and though a few series of the court of the cour

natured Praire Antonio, with his honest, ragged, really fore, his marry black eyes and he erra-emiliag metals. He was respected, between by all regardless of fasts or creed. A wonderfully black, compatibles and broadming of the state of the state of the state of the fast of the state of the state of the state of the location by his blacked as differently to cover in Chintania and the state of the state of the state of the over night, recurred the fight of their fastless and

tianity cost solds sil he had fought to establish and, over night, recursed the fish of their fathers. "Perhaps," he had mid, and there was no trace of bitterness nor of disappointment in his trace. "Perhaps, after all, it usions no difference in the sight of our Heavenly Feither whether men worthing one way or another. We all look to God in our hour of need and if these people see Him in the sun while we see Him on the Gross, who can saw which is the better or if the

these people see Him in the san walle we sae Him on the Cross, who can may which in the better or if the prayers add by those who kneel before the Cross are more welcome to Him than those uttered by those who kneel before the san?" But I must be getting eld myself, for I accumumable

to keep my mind upon my tale but continue to ramble off into personal reminiscences. Padre Antonio, as I say, was what we then considered an agod man, and when I told him of the Inca and what

as agod man, and when I told thin of the Inca and what he had related to me and of the strange mirrorbus fruit, the priest meither hunghed, soulfiel, nor check his with head in doubt.

"My son," he said, "for nearly three score years and the hows I wandows over this land, and in we wander-

ings among the Indiane many strange and most interedible things have I seen. In my younger days many of those I attributed to Satun, and I prayed that be unlike the exceeded. Due as I give either and wher I must be considered. Due to the property of the term factor. I complessly, there were many things of which we certified and Christian ones were ignorestly many rowwer than the constraint of the three property many proves of the humes main which we could not grasp, but with

which these Indians were familiar,

"Many times have they teld unto me of events happening many miles distant and of which by no knows

some could be place had word, but which, always I.

of matters which would transprise in the future, and

of matters which would transprise in the future, and

or in the set hery had said. And many times have I seen them perform what—did I believe in such hitsgal
would have deemed scerery, magic and whichcaft.

I would have deemed scerery, magic and whichcaft.

And do we not knee that from them we white some horse learned of the quishes that has nevel exceeds the saxuals of lives? West it not from these Inflams that our people had the coattee that has preved note a blessing and a curse to the world? Did these preved note a blessing and a curse to the world? Did they not give to us the tokenes, the positio, he most, the recompactile, the sand things that how mode the world better, healther what have in their way restoraged most lives?

and hings that here made the world better, breithere—
that have in their way prisinged meals 'Payar'
"And in the frest of this True of Life really any measurement of the mineral to the case of the mineral to the case of th

"AND as I am more the end of the accepted span of human the, not can hove as I is now, so like the human the, not can hove as I is now, so like the conference of the conferen

"It I grew no older, no more feelth, no more cealth than I am teledy, and if I am will hade and bearing and have not become my seels or seconded to tenne makedy in a dearn or perhaps officers years, you will find every-mysterious palm. But, my sen, if the true hears but once in a centrary. I hear there will be few of those will be able to swall thererakes of its lobers of the contract of the con

curvive of this present community. And you will be reithed of the planare of suying '1 tied you so!' So, my son, if I were you, I would use every effort to progragate the trees, to so cultivate them that—even if reads beans but note in a contray—always three will be some in fruit. And in order that those who doubt may not be forced to wait another hearing years for their turn, why not preserve what fruits are upon to tree to telly? Of Georges, as all rave, good, joby, old Peder Antonio or war of 20 or "University".

our year of 25 or fully twice as long as le bad ever expected it to be passible to the. But item before he bed then proved conclusively the treth of the late's table to the proved conclusively the treth of the late's table of the proved to the late of the late's table of the late o

Months were required to move the rare, somes and thillier from Binnes to the Insa's way. It was a children from Binnes to the Insa's way. It was to be a support of the Insa's the Insa's the Insa's which mean positionally everytheng in the stewn. We wish mean positionally everytheng in the stewn. We will be a support of the Insa's the Insa's the Insa's the site worth staged before that had been carried piece or the Insa's the Insa's the Insa's the Insa's the color beamer before as a reasy type secretic and other houses before as the Insa's the Insa's the likelih the other left the ideal of the Insa's the Insa's Insa's the substitute sover could have been such as Insa's the substitute sover could have been such as prophere was belong fulfilled and left it was decreated

purposery was being fulfilled and that it was decreed by the good that we alcould share his valley, he did for the good that we alcould share his valley, he did not not seen to be the same of the same of the most set putch through the dosase jumples; they comtexted assurements bright over various and norrestats they corried loads, and they beinged in a binuted ways. DNCE we were established, our jiet was far better than in Hintenn. Though all about was jumple and loads and the same of the reads we calculated.

as prepaying from any three restanted largey owner.
Alone we shell for or malton, for we proise a sunker of the control of the

6 One difficulty that L—an well are others—had feared, had been estilled. Always religion has caused quartet, difficulties, even open ruptures in many etherwise proposa coxinge, and I feared that we might be been difficulties, even open ruptures in many etherwise proposal coxinge, and I feared that we might be been difficulties. So with Fadre Antonio and the Izca and a few others I discussed this matter at length, in the result of the control of the Izca and a few others I discussed this matter at length at the result of the result of the result of the Izca and a few of the Izca and Izca

tonic was a fracked priest of the Catholic Church, yet gladly and willingly he offered to cast saids all degman, questions and tracts of his church, and to teach and prawin a simple form of the Christian fields, thus would serve equally well for these of every such. And of all some ascord he declared that to endower to win converts would be that to raise disease and pershance if feelings. So there, no the quiet peaceful valley, the temple of the susped and the temple of the Christian cycl stood citle by sole and sun worklaped in either as there as they are the worklaped and the temple of the Christian Chr

It was after we had become firmly established in the valley and had become organized and settled with our own little government, of which the Inca prantmously had been chosen the ruler, that we made our first trip to the lowlands. Not conce those first overhad any one left the mountain heights. Yet over us had gradually come a curiosity, a desire to learn what to the stricked areas. It was a fearful yourney through we came in right of what had once been the coastal lands, we found it a vast, fetid missmic swamp, a tersome rerpeats and rentiles, with great renellent crabs. extending to the verge of the sticking, allow mud-fats tide. And everywhere hung that sticky, yellowish blanket of dense for that lay like a rell ever all the earth and sea, Nevre had I seen such a tangle, such a mate, such a terrible waste of ricture veretation. In vines, there bushes and a multitude of shruhs, fores, house (wild vizes), weeds, brambles and what not Many, if not all, were now to me. Never in all my

sinuse (with view), week, brambles and what no could have grown in horizon that short good of time, could have grown in horizon that short good of time, could have grown in horizon that have been a jumb travel had I need such words, it guastic shermed from an analysis of the horizon of the words are controllerous portion or holizon. Now we know that my controllerous portion or holizon. Now we know that my controllerous portion or holizon that the sense mental comparison was not their ghost of the actual reconstant above water, but, thereigh the increased tree remained above water, but, thereigh the increased tree remained above water, but, the expand the increased tree water and the transmitter, were except examples were first and the sturroundities, were except examples.

we present out to the state.

If the composition of the product power content of the composition of the comp

Though she had been hadly huffeted and was sed some day once more affect and of thus having means of veraging over seen, of visiting other lands, determining if other colonies of human beings still survived, and if so of succeeing them or brining forces. But I realized that, even were it an engineering possiyears to accomplish. It was a dream of the future, yet for the present the bulk proved of great value to us Her held was still filled with cargo and while much had rotted or had long sizes been transformed to rosts metal, olimy sludge and unrecognizable detritus, much to have iron and steel tools, implements and machines. wear out eventually and without coel and a supply of iron we could not hope to replace them. And with could we would be able to small copper and other matals as well. Indeed, the discovery of this store led me to dehay my return to the valley and to smend several weeks have been washed up by the see when it had sweet sweet the wharves, the docks, the navel stores and the coal our needs until we had our own mines. But in this search we came upon great numbers of herrels of oil.

coaks of who, purchased of tagar and the wreckage of machinery, of rulbwy terriagon and of other valuable and until melecials.

Finished, we returned in catoly to the valley, and fair and beautiful indeed all a spacer after this fair and beautiful indeed all a spacer after this punished we returned in catoly to the valley, and fair and beautiful indeed all a spacer after this jumps of the lowiness.

We matter that and pears well of the welley, and while We matter that and pears well of the welley, and while

the jumple of the lowlerds.

The matter had not passe well in the valley, and while

Yet matter had not passe well in the valley, and while

we had been absent, our secole had been strongelies

as fronti-sally against the dangers that had beaut them not

the had attacked them both from the sky and from the

say surth.

Out of the heavens had come great awarms of gigantie locusts devouring every green thing that lay in their path, and leaving in their wake a swathe of hare. passed agrees the land. Madly our people had bettled very lives, and that had cost years of labor, fighting the winged for with fire and smoke, until at last, with half had gone on their way. And constantly, daily, bourly in fact, there was the examples, reveneralize buttle with the jungle growths that seemed determined to overwhelm the valley and transform it late a wilderneer. Yet were we far better off than others who, as we learned by our radio-balegraph, were striving to live and to regain comething of their old time status and to increase and to maintain obligation in the midet of the wilderness. Some had been attacked by vast border of rate, others had been overrup with armies of gland crabe, and others still by swagms of nurlous insects or

to all were out maning their own-tiny groups of herede near and women hattling a relicities, pittless, a contractive Nature that accused determined to here no civilized human heling upon an earth that, itself, had gone heak to choos. Often in our hiszkost, much hopeless not be cooler, better to absorber all one efforts to remain civilized beings, and never regain our former status and advancement; if it would not be as well for knowledge and the humanity acquired through long centuries of slow progress of grouing and of evolution, and following Nature's example, returned to the status of mankind in those dim and distant ages when savage heasts and savage Nature were no more savage than

Yet those were but passing thoughts shared with me by others, and never for a moment did we falter; never did we think seriously of admitting defeat. Despite every chotacle, every aethods, every new mention that arcee to confront us, and despite all odds, we steadily increased; we improved, and we retained all that had been our beritage when the eshengly had come upon and taught our youth-for we now had schools and other institutions-there was much that was known to had never dreamed. It was the Inca, too, who first gave to us our new calendar, basing it upon the ancient maintain with its tribunal of Woos Men, its Court of Rights, its Inco's Council and its simple yet just laws. And white for a sugge we had troubles at times with those who would do wrong and injure others and would not obey the rules and laws, yet by forcing these to from others, in time all became low-abiding and orderly.

that I may better relate have been forgetten and are

The Misguided Ones TO one known whence or how the Missuided Ones came. Perchance they had alwars lurked in the unknown fungles to the cost and were merely driven into the mountains by the floods. Perhaps they were but the degenerate, perverted members of some race that, before the moon went mad, had been well seems incredible--perchance, as some changed, they by the heat, the humidity, the postilectial swamps and jungles. This seems impossible, yet who can say? Hefore it took piece the moon's wild antice would have been deemed impossible. Refers the antien face of the soulled at as impossible. And to my mind it was no debauch of those days than that she should have produced three weirdly terrible forests, those rightmarith

But it made no great difference to us whence or bow the Misgurfed Ones came. They appeared to un sudand reemingly as numerous and for more terrible. One received no same dualling in our neacoful nallow dren, carrying on our accustomed tasks and duties. The beyond description, nexted as snex, were upon us. Un-

armed-for we had no reason to arrest attacks onprepared, scattered over the great valley, our people were at the mercy of the little ace-like creatures. With-With fiendish ferocity they threw themselves upon men laboring in the fields, striking with their clubs, disshort powerful bows, arresming like madmen, quashing their teeth-suburnen, horrible, yet undenfably, human

Yet their very savoyery, their deconings! fury dofew if may of our people would have excepted. But as it was more some warned. Women and children who were able to do so, fled to their houses, where, behind stons walls and bolted doors, they were asfa, while the men railled, quickly gathered together, and, with whatever weapon or bludgeon they could find, rushed to the attack. Still many more were borne down and destroyed in the first rush. I new one man, ploughing his field, surrounded by a borde of the devilish beings. In an fastant he was holden from sight by brown, writhing, struggling bodies. Once, twice, thrice, I saw that liv-ing mass thrown saids. With his here hands he seized will shake a rot, crushed their heads together, and us-

Yet no one could triumph over scores. plerced by counties darts, he fell at last, fighting to to shrude, term limb from limb as the succeedable cannibals gorged themselves like ravening hearts upon his blooding fieth. And we who saw the tragedy, the horror to aid. They were but incidents in the furious buttle new reging everywhere, and we were fighting like madmon against the main body of our implacable foes in our midet, as we retreated slowly, step by step, toward

Safe! Safe from the dubs, the missiles of the demons la human form, yes. But trapped, surrounded by the terrible beings who seemed not to heed wounds nor death, as long as they could destroy. We had few fre-arms half a dozen of the shortharrelled hard weapons that were called revolves and

pictols and in the old days were used for self defense. perhaps half a decen of the guas used for hunting, and been in the hands of the soldiers statismed at Bincott, for it must be recalled that, before the meen had run wild, efullined men astrolly female with their follows and every government had maintained forces of man ordifined with weapons for destroying these who broke the laws or who sought to overthrow the existing order of things-as well as for many causes which it is not

But, having no use for these weapons in this Valley of Chincana, where of was peaceful and we had (no we ably harrible rospoters that appears into existence in thought) no enemies and no need of pretecting oursecured by searching about for them and for the era of bloodthirsty savages who swarmed on every side. But of herrithy evil, brown men, hairy, mischapen, hestial

kept all common property-tools, implements, supplies

and were not in use. Yet a number of the enemy were between us and the building, so that even knowing the weapons to be there we could not secure them. IT was then that the Insa's men came forward and and volunteered to throw themselves used the

way. Instantly a number of our men joined them, and arming themselves with knives, sees, hars of steel, pitchforks and whatever they could secure, they rushed spen the myages. Madly the battle raged. Hackory, cutting, stabling, fighting like madmen, the warriors Their keen atool weapons bit through flesh and bons.

their way slowly forward, while over in the lead the Inm should the war cry of his recole and whirled his great, breeze buttleaxe until it flashed like a ring of fame. Time and again I naw a savage bead lean I caw brown mon's bodies eleft in twain from neck to who had callied forth, a bare twenty reached their goal, but for every man who had fallen, a dozen of the

The next mercent the little group varished within the less pulp, mutilating them, until we sickened with the

the revages continued. Thus suddenly fire flathed from to terrified ocreams, and so deepen fell dead and

Again and again the mustetry resred and

We in the city were asfe, but there were thousands yet in the cutlying sections, in the isolated farms, the arms we felt we might hope to drive them off, and word to the attack. But even with these weavens destille the alaughter they wrought and the deadly fear they inmired to the Misraided Ones, the force was conbeary lesses on the enemy, but they reported that an others appeared, so if by magic, to take their places. recole who were thus out off and surrounded then, at our darkest moment, came sudden light, the

means of saving the lives of the radio operators at

country where the machine might land, yet the young man who had been in charge of the machine had kent the months and years that we had been in the valley. And now, suddenly, a strange, throbbing sound came the existence of the machine, and no one could impuring why, after all this time, it had come suddenly to life. un there believe they could summon sid? Did they have some wild idea of recoging some of our name by means of their machine? Or were they deserting un, taking this means of gotting away from the valley and were answered. With the speed of an arrow the great machine dove, plunged towards the earth. Sharu into crash to earth, to destroy the lives of two more of our all teo few recole. Then, while with hated breath we listened for the rending sound of its destruction, it

turned, and with a roar of thunder from its meters it swooped straight at the horde of savages who, trant-

of the machine. Madly, franticelly the terrible creatures who were fearless of death in buttle, who had

denice from the skies swept upon them. Crowding, mill-

ing, mady debting one snother, they strove to escape, and straight into that strangling, sorthing mob the machine tore with irresistible force. A red haze half hid its whirring propulers, wings and body seemed said donly painted red, and with a file of its great metal tall, that killed a droom savagres at a single blow, the Why it was not wrecked, disabled in that mad charge into the meb of savages is beyond my comprehension. When the machine come to rest and the two young heroes stouped forth, they stated calmly that they had

hords of beings and that they had counted upon the complete the destruction and the stampede of the

BUT nothing more was needed. As though the earth savages had vanished. Only the dead and wounded remained. Then, so we hurried to resesure all of our people that the danger was over and to take account decided, accounted for the uttack and the seemingly insane fercelty of the Missupded Opes. Not a single werean had been killed or injured, intentionally. Many tures, but in ourse case their control had used case that mand them, and, thank God, only three had been carried away. The others had all been dropped in that final terrified fight of the creatures. But it was evident to us all that the flends had fallen upon us to kidnen

native haunts in some dornal unknown jungles as the

courselectroine waters resided upon them, and their women, hurdened with children and weaker and slower than the men, had all, or nearly all, perished. Only the room wars left and having found our valley and seen that women were there, they had come swarming in determined to destroy the men and take the women for themselves. We all abuddered and gave fervant thanks to the Almighty, realizing how nearly they had and those of the Inca, had it not been for our longdiscred firearms, and had it not been for the smoldal,

have been laid waste, our men butchered and our women And though we felt confident that the creatures would not at once return, that for the time being we were sufe from their attacks, yet we fully realized that we feel really secure and that we must be prepared for

hattle at any time and must be constantly on guard. centiqually on the short, to protect currelyes, our women But first there were most repulsively heavible mattern to be attended to. There were hundreds of dead, mutialready flocks of great broad-winged vultures were circling overhead, winged ghouls, seeking a chance to

So for hours we labored, digging deep trenches in was no shartly reminder of the earnage that had been

Not until this repulsive duty had been accomplished did we cease our labors. Then, having suthered the should response, we cought well deserved rest. Lettle close at hand; that alleat, awful terror that stalked through the night, and whose mystersom ghostly

to be filled with nonbracking, superatitions terror.

ent froe to blanch and the most matter-of-fact minds CHAPTER VIII

A New and More Terrible Menace O sharm was given by the sentries, nothing dismorning, men who had gone forth to gerner their crops and till the fields come racing book, wildcond white with terms and shouting inasherently. Our first thoughts were that the Misguided Ones had returned, that the men had come upon them in the valley. But when the fellows had calmed themselves sufficiently to speak intelligibly, the tale they told

Passing near some of the treaches wherein we had hursed the bodies of our stain enemies, the men had while not a truce of the corpses could be seen! Then, as they had stood, filled with vaste wondering dread, feet more than a yard in length and of hands half a rand serven the nelms, with forcers elebtern inches in length and with foot-leng thumbs. For a space they had stood there-gazing speechless, with unbelieving tic beings in the vicinity. Then, suddenly realizing

that it must have been these opres who had disinterred

and made away with the hadies, filled with such terms headlong from the spot, expecting each moment to bear ably terrible, gigentic beings racing after them. So vivid was their tale, so manifestly had the men been driven almost mad with fear of what they had soon, that chills rared up and down our spines and we there was no sign of exemies, no indications of monstress forms buffing near. All was resceful quiet in the valley. What reald it mean? What thing what unimaginable ogre could have wandered about during hedles and carried them away? What terrible, myste-

ricus, inconceivable mensce lurked in the dense funcies I do not think there was one of our number who thing supernatural about the affair, yet no one would . have admitted it, no one would have confessed to being filled with that worst, most terrible of fear, the fear of some nameless, spectral unknown thing. It was Padre Antonio who was first to speak and bronk that omnous, awereme silence. "There is nothing on earth or in the sea that is not of Nature," he said. "Whatever being left those footprints is a being of flesh and blood. Often," he smiled, "cur imaginations are our worst esemies. Shall we, who have faced and vangurated those burden of savage men, he dis-

dangerous, less savage? Whatever it may be, let up on have beset us. Let us learn what it is and then plan to dectroy it. Because it is huge, it may be even the less terrible. Great bedies move but slowly and often Podre Antonio's sensible words galvanized us into ready waspone, towards the spot where the giard's factueints had been ocen. The men had not exarcavaled and the deed bedler removed and overrwhere so gigantic, so vividly real, so human, that the bravest

among un fairly quaked with dread of the monotrous I say thing or things, for there were so many imprints one of the glants or if povers! had been there. Still we fought back our fears and searched about, striving to trans the receive destine to follow the trail to bear whence they came and whither they had cone. Soon we one of the giants. There was but a single line of the where the thing had retraced his way to his hidden isir. And there were no imprints of hands. The thing thousand times more terrifying to think that the thing then we read a still more hearthle discovery. We found the spot where the giant had squatted—the marks made by his hams were deeply pressed into the earth-and

picked hones, the half-devoured bodies, that the phoulish

esambalistic monster had drarged from their graves,

All our forced sources, all our mark of herwery field at that discovery. Neithing on earth would have an educated us to have surprising further, to have appeared to the control of the co

sugl.—then classed in the contract provides of the contract provides of

Yet shoully haveycouldly userviles and inputality as was the apparelling, its espectation was a relatiful our overstrained increase. It was a thing of fisch and bleed, reversely the second of the second shall be a second of the highest second of the second of the second shall be the second of the second of the second shall be second of the second while second of the second of t

arms ending in immense hands, in one of which was

grasped the still writhing, horribly mutilated body of

WIGO fines the first short is county one. The proper treases out, and as it if had here a pragramment signal, stron flished on curry side. Underly unsercount of any strone, if from inpurel founding, and with the forces provide. I now the monatory cretifies, it heard he did that of shades aparents the loop. I now durie the did that of shades against its loop, I now durie and the strong shades and the strong of the country new the manifest loop of the savage drop from the search the manifest loop of the savage drop from the search properties of the savage drop from the new three manifest loops of the savage drop from the search properties of the savage drop from the savage and the savage drop from the savage and I and arener ran before towards the dimensi stry.

No one even knew if the thing had chance us. No does had stopped to look back to learn whether the month horrible creature had fallen dead or wounded or had o

jumples. All we have was, that it was not in sight, allow or dead, and no one had county courges to go hards and ascertain the trents. The property of the trent analysis was making compared to the freed by the breen analysis was making compared to the freed of this new means. They had have man—federe branch beings coun if accordly himself, beings whose ways we could more one feer understand, whose forms—dwarfed, apply as they need to be the second of the second of the county of the manufacture of the second of the second of the had been those of man. They had fought with clark, with howe and arrows, and deapthe the fast that they

them. But this thing-this monstrous gigantic thingwas unlike any creature we had ever known or imagined. And in the face of such an unknown quantityeven though we now knew it was flesh and blood and murchy a titanic heast-in the face of such everwhelming power and size, we felt utterly at a loss, utterly helpless, and I could imagine how the first of man's succestors must have felt when, covering in a nerrow cave, without weapons other than stones, they alone and trembled at the approach of schre-toothed tipera tal picture my thoughts conjured up sudden light dawned upon me. Dinceaure! That was it—this monster, this barritie thing that haunted the jungle, was a discount! I felt were of it, convinced that I was right, and at my appropries all arrest it must be so and a tremspious hurden of fear seemed lifted from our minds. However, the fact that we had accounted my identification of the monster did not lesson our peril or our very imminent danger. The dinessur, if We had ample proof of that. He had disinterred and bearing-yes, within our sight-he had killed and had Ozen. It was not until we spoke of this, as we discussed what was to be done, that we realized that the mouster

us that the average still larked (for at link, featoud larked-with him recealing shoot, there was this fear of the howen man remaining in the violatty. 2019, we could atther those use expect that the press bears had any preference for average, and if our examins had desired. The adherment the office the consideration of the desired that the constraint of the constraint of the task be wood, we fell, follow our tracks and would workfully attempt to attick and experts us. To be sure there were still hundreds of toolies buried in the valley and these might necessite the appetite for

more useful than harmful, for not only had he warned

eror, thus, Bill for all we know, its might perfor reads, by lettle meet and we war, all concribed that it was seen and the performance of the performance of the performance of the performance of the charge to defend correlate from the contract of the things there we cert y makes a sayed there would be defen. It was fromeworked that there should be defended to the performance of the things there we cert y makes a sayed there would be defended by the contract the transportation of the performance of the

out be done. Some plan must be formed and carried out. We could not remain there penned up in the city, afraid to venture forth, coaking with draud.

Our fields must be tilled, our crops garnered. Our Bad as was this monster, he was not one-half, one thorseadth as terrible, as the creater, more ruthless menster-famine. We were an agricultural community. We depended whelly for our livelihood upon our mouths requires a test amount of food in steady

no one would days renture from the city. Only after hours of discussion and of argument could a small force of the most courageous be induced to investigate, to determine if our shots had killed or crimied the mon-

They found no traces of him, they heard no sounds, when, summening up all their courses, they had renevultures circled over the forest, we felt morelly certain his fellows was still near, that he was alive and well and atili represent a most verselous appetite. through sheer necessity, men were compelled to go out a slight measure of our courage was recovered. Still, the those or those might, permally, sleep during the had aroused that fallow and he had morely killed the down. If so, we would be reasonably cafe during the ger. So that day the people worked in the fields-ever again returned to disjuter and devour the dead.

WE did not intend to depend upon the bullets from our runs. We felt that a regiment would be injuries to that mountain of cold-blooded, tenactous life. But we had, among our unused supplier, a large several came of blesting powder used for blowing up stures and rocks, of which we had used very little, With this we planned to key a mine in the earth above had dug up the bodies on the proceding night. Then, greature's organization and when he was over the hidden There seemed but one chance of failure. The beast might not renew his ghoulish work in the spot where we placed the mine. But we had to take that chance. and eyes upon the forest, until at last all was ready and we felt sure that, should the monster appear and

It was nerve-racking work, bring there in the silence, forest rose in a dense black wall against the sky, we became pervous, tenso, filed with a thousand fears,

Neurer and nearer the acunds came. Then a faint, squelchy sound, heavy footfalls, felt rather than heard. and then-so suddenly, so unexpectedly that I reald scarcely suppress a screen-egainst the lighter buckground, keemed a vast black bulk, a bulk appearing thrice its size in the moonlight; a bulk coloural and mate, moving slowly on all fours, andling the air curpiccounty, an sleate, continuely, it are reached the greet gigantic beast reached the grave-trench. Rearing itself in my show at the thought and felt sick with dreadscenting human beings that it mucht devour. For a space it stood thus, as if undecided whether to die un the bedies of the dead or search for the living. Then it

broaths at every shadow. At less in our straining even

Suddenly a valcano seemed to spring into aruption ing detenation, a burst of flame. I saw rocks, earth, go hurtling skyward, and the huge measter, the thing that hird. I saw that herrible hand asserted from the next and flong in air, and bits of floch and thick borny hade came raining about me even at the distance I lay hidden No one cared to go very close to that immense mangled and blasted careass. It was a horrible, a revolt-

full of earth oxide at each stroke. So interested and

fracinated had I become, that I forgot the mine.

moneter, that unless there should be more than one, we would be freed from terror of its attacks in the future, and, cluted at our success, we returned to the CHAPTER IX

Carnivorous or Herbivorous-Which? O have buried that great hody and the various

masses of flood term from it whom and transcribe undertaking transcribes and a most disagreeable undertaking transcribes and a most disagreeable undertaking. So, an it was not near any of the farms or houses, we of it. As no other requirer appeared, and no more tracks were found, we felt reassembly sure there were no others in the vicinity. And as the brown savages did not respress, we felt that they, tee, had left us and labore. Still, we had been taught a lesson and we organized a military or rether a relico feers, to natrol and wortch the valley day and night. It was a time imbiense valley. But it was botter than nothing, and formed into varitable forte yes more not as believe

It was several mostle....I are not sure now too how long-after the final destruction of the man-estima monster, that I made a most startling discovery. Like every other member of the community, I had a farm of my own. I say my own, but I must qualify



more than they needed, and-at the close of the fairgated and voted upon, and all efficial business was at-

So when I said that I had my own farm, I mount that I had been allotted a plot of rich land for cultivation. I took great pride in the place, for in addition to collegating the processory fruits, repossibles, grains, Padre Antonio's suggestion, we not only had gathered and preserved all the fruits of the trees that could be found-and had enough to last the entire community propagate and cultivate the trees artificially. If the

Padra Antonio had so clearly seen, if we planted the seeds every year, we would eventually have trees bear-It had required a yest amount of time, of nationed and of experimenting, before we met with any ourcess. But in the end I had succeeded and I new bad, as I say, covered hundred young trees in various stages of we could feel sure these cultivated trees would bear fruit, but as I had full confidence in the seemingly marical properties of the nuts, and fully expected to be dustry and, of times, discouraging offerts

So, when on the marning I referred to, I started on my daily rounds of inspection, my amazement, my anger, and my horror may be imagined when, upon reaching the grove of these marvelous trees, I found them broken, excises had aways through them, yet I know there had been nothing of the sect. Heartsick, filled with receils my brain to think who or what could have done it.

ery and stood staring, trembling. Charty imprinted in had occurred. Another of those menetrous bereine bearts was at large! He had gone through my grove

Ordinarily I should have been terrified, should have been filled with dread at thought of another of the damage be had doen, so beside myself with rage, that ing only of my beloved trees. Curring the beast under my breath I heryind froward, impacting the damager, countly the trees indured barend all house, and nation these that might be restored and nursed back to health once more. So I scarcely noticed my surroundings.

For a moment I wondered how it had come there and, the better to examine it. I stepped forward. board a mile away. The mound heaved, moved, tremhied as if shaken hy an earthrusie, and before my korrided eyes, rose on four feet!

WAS rected to the spot with gheatly fear. I had almost stumbled onto another of those terrible manesting mornters! Yet even in my numbing terror l realized that this gigantic thing was not exactly like the first; it was even more terrible, if anything. From extended an encemously long, almost snake-like neck ending in a small victors-looking head that, as I gaved with wide eyes, was moving from side to side, aniting suspiciously, peering this way and that as if trying to locate my presence. Then, either seeing or scenting and with its they green eyes yaxing fixedly in my direction, the monster turned slowly and gathered its stupendons body into an arch as if to leap upon me

Semehow I found my legs, found motion, and turning, I Close at my heels I heard the earth-chaking tramp of that gigantle beaut. I could almost feel his foetid brusth jawa closing upon me. But I dared not even glance back as I dashed along, leaping over fallen trees, donging between the trucks, in a mad but hopeless endsayor to escape. Then my toe eaught on a root, I tripped. plunged beadleng, and in a galaxy of stars dropped into brain in a turned. For an instant I thought it all some horrible dream.

But the lump on my head where I had atruck a stoot and my aching head itself were very real, and within the eleverstribed limits of my eyes I saw broken, wilting Trees of Life. But what had happened? Why was I allya? Why hado't the monster seized me, devoured ma? These questions fisshed through my mind instantaneously. Whatever the answers, the fact remained that I was allve, and saide from my bruised head, uninjured. No doubt the beast had gone stumbling on in its mad poce without some my fall. There seemed no other explanation, and if so, he might be, must certainly would be, coming back to finish me off at any I was convinced this was the case and was on the

point of citting up, when my heart seemed to cease beating. Close at hard was a strange poise, a cort of deep-draws, solbling sound like wind through trees. But it was not continuous like wind, rather it appeared to cases and on at regular intervals. It was yes, there was no doubt of it—it was very like some greature broathing, only it was a hundred, a thousand times close at hand, awaiting my first movement, my first alga of life to kee upon me? Cold sweat stood out on with that terrible mysterious sound throbbing in my within a few yards, would drive me stark, staring mad Yet if I moved, if I attempted even to turn my head to see those awful have or those talon-classed feet might so nick with fear, so near to losing my wange. Anything, I decided, was better than not knowing. With wide awatch out through the grow, and growing at my muscles, controlled my shaking limbs, preparing to to escape. And then-horror of horrors-a shadow a great, rounded mound of earth just beyond the trees.

till across me; and above my face, betting out the sky, appeared the restaurch head?

The wicked baieful green gree me; writin a yard of yar ovar. The great heety, drivaling jaws partly opaned, and like a streak of light, a bage red-forted torgue above forth and touched my bedy? I drew back, concered, and despite every effort, or covered, and sheet west driven back and a sharp this, but a quick per these weeks and the stream to the stream of the

despite every effort, servamed. With a quick jerk the head was drawn back and a sharp his, bud as escaping theam, came from the beat's nestrile. Once again the gipactic head swayed like a large serpont above, me, the tongue played over my hedy.

Then, when I felt that all was over, the head was lifted, the beast gueed at me with what I could have event was enstempt, and alsoly moved wasy! I was so emassed, so overceous by the reaction from the steals, that without thinking, I jerbed upright.

the strain, that without thinking, I jerked unright. Within a dozen wards of where I sat the hure mounter was greating calmly, contentedly, upon my best mains. head, graned his neck and negred at me curiously. Then, apparently satisfied that I was quote harmless, as well as at an utter less. Why hadn't the creature killed me. devoured me? Then sudden knowledge dawned upon use. He was an herhimorous manufact. He was not carnivorous! I was perfectly safe! Then, as I noticed a mad, known idea cutered my mind. Goold the great beast be targed, domesticated? What an accession such orders! Half a dozen elephants could not do the work this manater was canable of norferming. To be surecreature-he did not appear very intelligent, his head was too small in proportion to the body. Still be must possess a certain amount of brain, else he would not have realized that I was barmlers, as well as inedible. But be might also possess an iraceible temper. The

way in which he had pursued me indicated that Still, now the idea had taken passession of me, I wan fascingted by the possibility, and moreover, the confounded beast had done me a tremendous amount of damage and it was his duty to pay for it in labor. destroy all the cultivation in the valley. It would never de to permit him to rosm about at large. He must either be killed or captured and-the thought came to me for the first time-one was about an difficult as the other. All this time I was unconclously drawing nearer to the measter, who appeared wholly oblivious to my presimity. Almost before I realized it, I was close beside him, for somehow I felt no more fear of the elegatic thing than of an elegant. And then, my bond and vetted the thick made bide. The abia twitched, much as a horse twitches his skin to dusledge tion that he was aware of me or my act. Growing beider, head, he twisted his long neck shout and peered at me, munching a half dozen cornstalks as he did so. Then, tinned feeding. I was almost tempted to climb upon adventurous bravade that exuses the small boy to enter on unknown case or to see how near the verse of a mention he can walk. But I winch desirted and deciding that if anything was to be done, it must be done Much to my energies, my suspection mat with absorb constant and the constant of the constant of the conception for the constant of the constant of the conception for the constant of the conment of the constant of the contraction of the con-traction of the con-the con-traction of the con-the con-traction of the con-the con-traction of the con-traction of the con-traction of the con-the con-traction of the con-traction of the con-traction of the con-the con-traction of the con-traction of the con-traction of the con-the con-traction of the con-traction of the con-traction of the con-the con-traction of the con-the con-the con-traction of the con-traction of the con-tractio

station for the the place. We have been a second to the place of the p

his land. But one shirly have just here for one could be used to b

thing was not really dangerous and was not only

could have knocked life from my body with a blow of

Presently the monstrous thing half solved our problem for us. Quite oblivious of the enlocking crewds be equated down, relied over on one cide, extended his neck on the ground, rested his head on a pile of broken

make stalks, deed his eyes and apparently slumbered. Here was our opportunity. It would be comparatively simple to place heavy ropes, even chains, about those ureat frest, about the loss pool, and to secure them to

body.

some large trees conveniently near. We had no doubt that he would sleen soundly for some hours, and his our chance, and as soon as a supply of our heaviest rones and what chains we passenged, could be brought. we proceeded to attempt our undertaking. No one wanted to be the first to out the bonds on the monster.

so half a decen of us slipped up together. It was little trouble to place cables about the immense less surawied out so conveniently, but it was a neck. But hy poking a rope beneath it by mauna of a long, forked stick, it was finally accomplished. Then, more ropes, to form a veritable network of cables and lines over the creature, until he reminded ma vividly of last only his head was left free, and having become stout stump. Care had been taken not to bind the

greature so closely he could not rise to his feet, and but I argued against it. That might arger the creature and even if he did not breek loose, he mucht become so furgous it would be impounde to tame him So for hour after hour we waited, watching the alsoring giant expectantly. At last, when our patience tried to vawe. But the rose brulle held his town and shock his boad, rubbed his zone on the ground, and

Then, apparently realising something had been

taking place while he had slove, he beaved his mighty bulk erect. Source of cords and repes snapped like

threads but these about his legs held. For a brief

mysterious beegs, Then, with a mighty effort be lurched ferward, only to be brought to his knees. Even

reemed puzzled, and bending his neck, he tried to hite the cables that held his feet. But the halter brought For the first time apper spread in him. He blood, the other, made short rushes forward and backward. But all to no perpose, and at last, showing for more intelligence than I had given him credit of presenting, of his fate. We were elated. Judging by his artions. Stenning forward, one of the men selsed the halter the head darted forward and came within a feet of the man holding the halter. Had it struck him he would have been crushed as by a falling tree. Rearing and plunging, the creature snapped two strong chains as

if they had been twine. He swayed back and forth,

cries, and his eyes fairly blased. But the other cables

and chains held, and at last, tired, exhausted with his poles we pushed bunches of ourn stalks, burefus of surer care and ether delicaries within reach of him, but he naid no heed whatever. He was spleing, and by the way he eyed us, I felt sure he at last associated us For that matter we were in something of a predica-

ment ourselves. The monster was our cuptive, but other hard we could scarcely keep the poor thing tied And how did one go about taming such a monster? I had read (as had the others, no doubt) of wild eleplants, when captured, being tomed and subdued by derrestrated elephants. But I could not recall a single such tale that had described how the demosticated elehad no demestirated specimens of this beast to use in

In fact, we were rather afreld that we had literally caught a tarter and not by any means the keat of our would have dared go near excugh to release our prifeeling sure the menuter could not escaps, we ordered

CHAPTER X The Power of Desghouts

and occupations.

W^B had placed too much confidence in our repea, or rather, perhaps we had underestimated the strength and rescuresfulness of our captive. At any rate, when we revisited the spot the following earth greated to. The manufar had nucle good has escape during the night, and deciding it was hopeless to try to recepture him or to tame him, we rather rethe beast. He was nowhere within sight, and the great corp, rendered it difficult to fellow his latest trail origed such uneversions treatment at our hands, and we had no desire to come unexpectedly grow him. Sekeeping a charp lookout, we moved slowly forward, fullowing what we thought were the most recent of the

The nearest houses were more than a mile distant where, in a grove of fire trees, was my own residence. Frank's house, and my granddaughter's bonse-for Mathilds was now a matron with kiddles of her own and I was twice a great-grandfather. Mathilds was an were scarching for the escaped monster, she was buty Having placed a great pen full of the delectship

browned rings in the window to cool, she turned back dimmed as if a heavy cloud had shoured the sun. Half-turning, the glanced at the open window wondering if a storm was browing, and at what she new she

Filling the window, silk-cuetted against the brilliant suplisht, was the viguntle, terrible head of the excepted menuter! She dared not leave the room; to reach the door she would have to pass within a few feet of the

Then his tongue darted out, and with a charp his of he drew back. But only for a moment. The next instant the great part oppned, and before Mathilde's eyes, doughnuts and use vanished in the canacious mouth? For a moment the huge paws champed, the pig-like eyes blinked, and then with a gulp, the hot doughnuts dropped elattering to the ground

shrank back, cowering in a corner of the more, too

Still terrified as she was, Mathilde thought only of ster bury she might tlip by him and reach the door. moning all her courage, she pushed the table under the

Shaking with fear lest at any moment the great heast night wreck the house in his anxiety to reach the draghtuta, for to hir terrified searce he acomed farge and powerful enough to force a way through the strong just as we reached the first of the trees. Breathkealy she told me what had occurred, and, having calred her we hurried forward. Looming half at large as the house, the great bulk of the creature was still there. Approaching cautionsly we discovered that apparently wodged in the window-caring, and reemonaty, despute his efforts, he could not withdraw it. Like many a human being, he had fallen a victim to his appetite. But as we entered the house and looked into the doughnuts just beyond his reach. Everyone round with laughter at the expression upon the creature's face. With rolling eyes upon the dainties so near, smifting noisily as the appetizing aroma rose from the freshly cooked cakes, and with long tongue extended,

But the drughruts might as well have been a mile from him as for as his efforts were concerned. The window-cooling was of stept, hard-wood timbers set have battered in the window with a blow of a foot sejammed that he could exert no leverage. A sudden white seized me, and stemping forward. I secured a

couple of the deuranute and rather nervously despite the fact that I was sure he could do no harm-I exlike the purr of a gigantle est, he opened his great

As I toesed the cakes into his mouth and he closed him laws upon them, he reminded me of nothing as rough it seemed just as ridiculous for this monster to be with such tiny things as peanute. But the really immortant problem was how to get the recorder's head from the window, and what to do with him in case we succeeded. Possibly, I thought, if the doughnuts were removed, he might more homes! free I was quite correct in my surmise for, having taken possession of the cakes, we hurried outside the house just in time to see the beast jeck his head locas from

For a moment he stood winking, blinking, culting, harm had been done. Then a sudden cleare of beterest shone in his eyes, he sniffed the air, and before I realised what had happened, he had furched forward,

his great head awouned at me, and half a dozen deciphclatter. But the beast paid no attention to me. Like a familihed dog he ispped up the scattered doughnuts and gazed at me with open, waiting, expectant jaws so if begging for more. There was something so ludierously hopeful in his

expression, something to like that of a harmless purpor, that all fear of the gigantic beast fied from me, while the others, gathered near, burst into hearty laughter. to Frank, "or oles or cakes or envilous of the nort won can find. He's failen for Mathable's cooking and the daughnut is mightier than the rope,"

DRANK was back in a moment with a basket filled is no other word to describe his movements—towards stended half of a pie towards him. Instantly him vast mouth opened, I tosted the pie into his garden would halt, toss him a cake or a pie and then continue on my way. I turned to right to left, Wherever I went he followed, until finally, having entired him into the stone-welled cattle corred, I dummed the contents of the "As long as we can supply him with doughouts or

pastry he's as gentle as a kitten," I declared, on we gathered about to watch the monster. "But we'll have to keep a small army of cooks busy to supply him." The others loughed and Frank reminded me that problem of capturing or killing the greature. That the it into his head to decamp, and that he would need a and hence would continue to destroy our crees. But somehow, the idea of killing the great, barmless and vicinity of the house on long as there were doughouts or cakes to be had; that if cut cane, corn and caker provender were brought to the corrd, he would have no incentive for wandering about, and that, in a short time be would be as thoroughly domesticated as the

"All vielt," said Frank, "If you want the monater in go ahead and make a pet of him. But I'm net anxious of the hig walled courtyard of an ancient ruined city on the other side of the valley. It was a rectangular space sunken several vards below the surface of the earth and with the sides faced with closely-fitted, immence stone blocks. Once within that, the creature could never climb out, and so the Padre pointed out, by securing a good supply of pastry, we might be able to lead the brute to the snot, and by blocking up the ope entrance, have him securely cordered

Everything worked out to perfection. Man were sent ahead to prepare huge logs and stones for closing the catemay; others were descatched to gather quantities of sugar case, corn and vegetables to be thrown inte the court, and measurgers burried to the various houses in search of calon, pies and anything they could secure in the way of pastry. And though several hours were communed in coaring the beast across the valley, for we were compelled to halt and feed him at every few yards. we eventually saw him safe in the sunken plans and

quietly munching the food, which we had specially pre-There is no pecessity of relating in detail all the subsequent events regarding the domestication of the monoter. Enough to say that within a very short time he was as tame, as tractable and as gentle as though horn and hred in captivity; that with little real difficulty he was trained to carry hurdens, to have an immense wheeled vehicle, and to use his stupendous strength in the suffeed efforts of scores of men and many ores. peared to he food of them. He would permit them to

frolic about him, to clamber ever his back and neck and seemed theroughly to enjoy it. He was, in fact, a must valuable acquisition to the community, even though a special keeper had to be appointed to look after him while the keeper's wife was kept constantly busy baking vigantic doughnuts for the greature in large quantities. In time, too, we secured three more of the monsters-

the methods of taming wild elephants, we made use of the first breat to control and rubdue the others. But there was really little difficulty encountered. The creaturns all accred to have a mania for deughnuts-though discovered that hy remaining quietly in the hig courtvani and behavior themselves they would be rewarded with their favorite delicacies, all wont amouthly. And

then, a few months after our first capture, one of the creatures presented us with a litter of sixteen little They grow with amoring rapidity and within six months were almost as hig as their parents and were as

thoroughly demosticated and well trained In the meantime many other events had been transpiring. Among other things our operator had managed to get into radio-telegraphic communication with a community of people at Chavin, some two bunired miles north of our valley. Hitherto we had never known there was such a community and they explained that they had only recently erected a radio-telegraph station, were not the only surrivers in the land. To find that there were hitherto unknown and unsuspected people dwelling so near us come so a great piece of news, and I cannot hope to express the delight and excitement we found in being able to exchange words, to exchange

accounts of experiences with these Chavin people.

N many ways their history was similar to our own. Just as the nucleus of our community had been the few ourvivors from the counts of the south plus the groups and individuals already in the mountains. northern coast towns with additions from many small interior villages. But they had found no friendly, inteland no such lovely valley as we possessed. Neither had they an airplane, radio-telegraph coult-

ment nor many of the articles we had been fortunate enough to secure at Ruscon. Like us, too, they had been attacked by the brown Missuided Ones, and though they had driven off the covaries, they had lost heavily and had been forced to fice for safety to a great stone city seen at Chavin. Here they were in precession of an imprograms defense, and had begun to increase and to prosper. But they had had internal troubles and dissenstone, Some of their numbers had been rough, hrutal, lawless men from the mines. These had discovered how to make intoxicating drinks, they had become disorderly, dangerous, and finally had broken into open revolt. Although the better clean had won, it was with considerable loss and the malefactors had been condemand to death. Still, the community had been steadily increasing and improving. Several expeditions had been made to the count and to nearly deserted towns; many useful things had been obtained, and with great diffiwithin reach, they had at last succeeded in establishing a radio-telegraph and to their insyrresofble toy had so more than cursolves of the fate of the various inclated communities with whom (in the early days) we had been in communication, and we could only assume that these had been wiped out by navages or by savage heasts. These at Chayle had seen nothing of the maneating monsters we had encountered, and neither had then suspected the presence of the immense beauty we had demesticated. But they had been terribly afflicted with gigantic, hat-like creatures, huge, winged monsters with long jaws, armed with rows of sharp-nointed

tooth, that come forth at night and holdly attacked The community was much emailer than curn surplering barely one thousand all told-and having learned of our progress, our conditions and our advantages, they It was a most excellent idea, but one which, it seemed would be practically impossible to earry out

anyone who ventured forth after sunset.

a two hundred mile journey over untrodden, trackless. for us to dream of migrating to Chavin. Of course we and plans were all devoted to some means of hrinzing those of Chavin to our valley. It was suggested that the great, demesticated beauty might be currioused, that they could force a way through the jungles and would protect these who rode upon them from harm. But their wild state once they were in the forest; while we had no faith in their shillty to attack or drive off such creatures as the man-esting monators and finally their recomments were so alow that long weeks consibly months, world be received for the former area if successful. Had we presented a supply of fuel for our sirulane we might have made a number of trim and thus have transported the Chavin people a few at a time, for they told up there was an excellent spot for landing

at their settlement.

to wene then that I bethought myself of the stranded, considerly were then that I bethought myself of the stranded, and the strand of the strand of the strands of the coast. If we could by any possibility repair and fast that ship, we might be able to sail morth, land on the coast and there embed and the relations of the lands and the coast have Christy, and there embed as the inhabitant of the place, for they assured us that they could reach the shore in comparative safety and without great diffitation of the strands of the strands of the strands.

culty, their nottlement being less than a dozen miles from But would it be possible to undertake such a tremendous job as to repair and reflect the years? And if undertaken, could we hope for success? We discussed the matter at sweet length. Among our members were two men who had been among the original members of the community and who had been at Blacon for the purpose of creeting mining machinery. Both were what we in those days called engineers, and one had, in his younger days, been in charge of a steam vessel. they processed adequate tools and machinery, they stated they felt sure the ship might be reconditioned in time, but without these it was doubtful. Moreover, they could not say definitely until they had visited and inspected and finally there was the question of refloating the vessel even if she were received. But this problem I solved by reminding them of our herd of monstrous beauts. If we could get a number of these great greatures to the coast, we could employ them for disping

a great Gibb booking frost high water mark to the stranded woods, and—to steppendou was their stranged—they might even be able to drag the belief or H would be of course is lose, benefitwiden, most difficult and perfluors undersking, but we had become to the course of the control of the course of the condition of the course of the control of the condition of the course of the course of the most and women colling to us axidous to join us, forgang course to come to the course of the course of the state of the course of the course of the course of the and the course of the

CHAPTER XI To the Rescue

THE journey to the count was accomplished safely and without incident. As a test, we took two of been been and hred in captivity, and these greatly aided us. They had no difficulty in ploughing a way through the thickest impries. They afforded a means of traps. porting great quantities of supplies and equipment, and often, when the seine was bad, we rote in ease and comfort upon their great backs. Best of all they showed no signs of a tendency to revert to a wild state, and so we had prepared a vast quantity of their favorite doughouts, they worked willingly and seemed thoroughly to enjoy the trip through the forests. The ship still remained where I had first seen it, though during the time that had pensed, vart quantities of wind-drifted sand had blown up about it and a tample of vines and trees almost hid it from sight. But in a way these had been a belp rather than a hindrance, for they had served to protect it from the elements. As the vessel afforded the driest, safest and most comfortable spot in which to camp, we cleared away the growths, disposed

that ownrmed shout it, and made ourselves as com-

secured by ropes, which they could easily have snapped had they desired). Much to sor delight the vessel was found in far better shape then we could reasonably have expected. Her iren decks, to be sure, had roused through in speta. The pertiesn of her half system above the accumulated

and were exercised, thus and in had shape, her furnels were more hyers of fully rate, and most of the woodwork had discayed and was triddled by ants and werns. But below does everything had remained very sulperation of the state of the state of the state of the but below the state of the state of the but below had rutted out, many pipes and fillings would have to be recovered and replaced, but the engines were in peed shape and, so the currency delight, they found the had a very completely failed on making above the the state of the Belt mest agreed that they was well werth reachings.

although they shock their heads debleasty in regard to her seaworthiness. But as we intended to use her for one true only, and that a short one, and as the ocean was usually calm along the coast, that question did not worry us. The most vital print was whether or not it would be possible to float the vessel, if she was put in serviceable shape. The only means of doing this would be by the help of our powerful beasts, and the only means of ascertaining if this would be feasible was to try them. There is no need to describe in detail our preparations for the test. We managed to rig up some buse scrapers and found that the beauts, once they huge affairs with case and moved small mountains of send in a few hours. Then one of the environme declared that as soon as the boffers were repaired and it was possible to get up ateam they could rig up a steamoperated shovel or droige to expedite expansions. And as an examination proved that a comparatively short and shallow ditch would be all that was needed to allow the incoming tide to reach the ship and so lift her free weeks had passed, we would be setting off on an ocean vorum to the werne of our fellows in Chavin. The engineers loot no time in starting work; a force of men was sent down, together with six more of the

It reminded use of old times to hear the din of rivetiron, the creak and whine of tackies and winches, the stucal of pipe-threading machines, and the countless noises issuing from the bowels of the ship. Meanwhile the six colorsadous were steadily reducing the great beant of sand about the bull and were ploughing and the distant sea, while peores of men were laboring in work-shops and under sun-obelters, sawing, howing other tasks. Work went on apace, and it was a great day when at last the hollers had been renaired and the fires in the furnaces lit. And when a column of thick black smoke roured from the newly greeted funnel and engines on deck were set in motion, we felt that the worst was over and that our final success was secured Hundreds of people fisched from the valley to the coast to see the show, for many had never seen a ship, nor for that matter a steam engine, and during the wreles that had passed since we had started work, we had outstructed a fairly good road between then and valley, a road over which the colorendons drew immense leads or carried heavy burdens back and forth.

To carry feety or fifty pamons on its back was more child's hay fee one of those great beauta, and there was no dimpar from either wild sufficient or will read to the control of the cont

group, from the range, our education had seemed beliefly to get made in the same and the same and the third that the same and the same and the same and the third that the same and the sam

OF the actual work upon the ship I saw little, for I had plenty to corapy my time in the valley and The hull was patched, new decks of wood were hild, cables and fittings replaced, the small boots repaired or rebuilt, and although to my unprofessional erce it atill appeared a hopeless tangle and confusion, an inthe names or uses, yet it was all plain and simple enough to those in charge, and order came gradually cut of chaos. And when the boisting engines were ship. Great iron buckets were constructed which could he lowered and ruled or surms in any direction by means of cables attached to long arms or beams, and dumped into huge vehicles drawn by the columnions. Long before the interior of the ship and her machinony were in acrylcoshle condition, the sand had been remained to do was to complete the ditch that would allow the ree to flow in and float her. Yet all was due

Long action the starter of the skip and her modifier yet were in services localition, the cond had here yet were the services according to the starter of remained to do was to complete the eight data would discrete how the monature. Without the adventure we market could have undertaken the work with any contractive the starter of the substantial and the localities were the constant communication with localities were the constant communication with the contractive of the contractive of the contractive of the starter of the contractive of the contractive of the starter of the contractive of the contractive of the wears a post, their exposure of the tractive of the particular of the contractive of the contractive of the particular of the contractive of the contractive of the particular of the contractive of the contractiv fresures and amountation, and by hunting and finding their had managed to subsists. But they were constantly finding odd beater, in press, flying construction of the construction of the construction of the substruct from stranges mandelles. Were of all, they had no real backers, no one with enough intelligence, but the construction of the construction of the contion of the construction of the construction of the graphs, and are not constructed to the contion of the construction of the construction of the communicated with us were neared to this, feet they were the nearest substruction of the community.

were the areas stadigard remitter of the community, that they did not appear to in abid to design contribute, of the original remitters of the original remitters of the original remitters of the original remitters of the community—making moderated, rether generate and report and ready above, and prevent of the original remitters or contribute the complexes and the result of assembling in the climate or the environment, remain of assembling in the climate or the environment of the contribute of the remainder of the remainder

and but utterly unavoidable, that the men in charge of some of three isolated stations should have periabed miserably, just as the members of the smaller isolated communities periabed. But some managed to reach our valley, and those at the station mear Enroca had come with us when we migrated to Chicocana. But of course they had been compalled to have their

with the size of t

with, and that they would be forced to work out what was practically a new system of navigation. Had the coast remained unchanged, they pointed out, it would have been a simple matter to have ranigated a vessel by landmarks. But as it was, there was nother for of the did remaining and three would unleasheally be many new unknown and accordingly dangerous reeds, shooks and recks to enakanger our lives.

the instruments were brought from Ripcon of the astronomers could work in the old station.

"Liously, "Where the sea is find." A from of nearthal

And as the latter solution seemed the earlest and the outckest, arrangements were at once made and an armed expedition with four eclessadom set out with a large supply of food and other necessities. The adventures of the party have no place in this narrative. for I know nothing of them of first hand. The important part is that they succeeded and that, from that time on, we maintained a line of communication with the observatory and that eventually the entire equip-

Neither is it necessary to describe in detail every event that led up to that day when the ship on which we planed our hopes was ready for sea and final preparations were made for dosting her. Already the results of the astronomers' observations had proved valuable. They had calculated the time of the tides, and by means which were incomprehensible to me, they had plotted me planned to must the refusees from Chavin. Thoulong labors, and the valley was left almost deserted.

and with steam up, were the crew and officers, and atretebour from her to the verge of the see, miles disand prayed-would raise the vessel from her credit of sand. In the old days of insignificant twenty-fact tides. the vessel would have remained high and dry foreser, thirty feet up hour, it comes with a rush, and our

But every care had been taken to avedd any such terrible catastrophe. Long, immensely strong cables one and had been securely festioned. Other cables were out strength, and orders had been given to start the engines and set the great screw of the ship in metion

T was a tente moment. In a few minutes we would see all our long and weary labors, all the hepes of rescuing our fellow men atterly destroyed or would see that all-that every one of those waiting, expectant thousands-saw in the success or failure of the launchknew, that ship would be the only vessal upon the wast means of learning of the fate of hundreds of millions and it would be the sole and only means of getting in touch with such other members of the human race, as might curvive in other lands, verhans of saving countless lives, of uniting the existing peoples once more. Never, we felt, in the whole history of the world had the launching of a ship been franght with such vital importance, such romance, such drams, such hopes of the first of the stricken world to again sall the ness. burnanity, such as the world had never before known.

That our little community in the Ander would be the rise above the askes of universal disaster, the first to take steps to reastshish the old order of things, the first to enable the remnants of our race to join hards and build up the civilization and the commerce and effect the requiremation of the entire world And when, in the distance, a fearing crest of water was seen rushing like a mighty torrest into the great

ditch, we watched breathless, with fast-heating hearts, a sound. The alkence was broken only by the faint hiss of escaping steam from the waiting ship, the occasional rattle of harness as an impatient beast shock himself. and the distant rear of the orgushing water. Then, loud and clear, breaking the etilinees like a clarion note, rang the voice of Padre Antonio, "Let up pray!" he cried, and like an coho came the ringing

tones of the Inca: "Inti, hear thy children's prayers!" Inti-arose until the whaspered words sounded like a wind rothing through mighty trees, and the sound of the enorming tide was drowned. And, as if in answer to our prayers, the furious, irrevisible, form-capped well overflowed the confines of the trench; it broke and spread harmlessly over the broad mud-fints and beach, and smoothly, like a great traped the stern of the ship. It swirled about her sides.

to churn. The coleszadora strained at the cables Higher and higher the water rose. It began to overflow the banks of the trench. For a moment the years! remained motivaless. We watched with hotel breaths Would she float? Were we deemed to failure at the And then a deafening roar, a cheer from thousands of throats drowned every other round. The ship rocked, awayed, floated! The great mooring cables plackered and were out loose. The colouadeus moved slowly forward. The ship allpoed backward down the canal Slowly, acretume the sandy banks, freed from all cables, the felt her way someord to react the incoming

tide, to float at loot, triumphant, proud, once more CHAPTER XII

uren the ocean's breast.

The Pacificans Discovered ONLY those necessary to handle the ship were to go with her, for all her available space would be needed for transporting the Chavin people. So I have no first band knowledge of her voyage. We watched her as she moved slowly, and malestically cert to see, until only the amudge of amoke from her funnel our thip had vanished.

Then, feeling a strange sensetion of mingled joy and But even if she had vanished from our sight, she had not become lost to our hearing. Our radio-telegraph men had renaired the equipment on the versel, and one her way for fear of hidden rocks and roofs-towards her destination, we in the velley of Chippana were kept attraction of all that transfered. Also, we had notified following morning they informed us that they had not shore to await the ship's arrival. Late that aftersoon we learned that the last man of the refurees was safe

island off the coast they were planning to steam towards it, feeling sure there were persons there. In this they were not mistaken, and early the next day we received word that a sottlement of nearly three hundred nersons. were on the island, but that it would be impossible to transport all at one time and that they had decided to return with the Chavin people and then go back for the

There is no need to go into details. The return of our ship with its passengere was perhaps the greatest event in our history since we had entered the valley. and no somer were the refugees safe ashere than the ship steamed away to reseque those on the folund. These proved to be the survivous and denoundants of survivors of the city of Trujille and other towns. They had taken refuse on the only available lefts mountain, a mere peak, which had been transformed into an inland, when the surrounding plains and deserts bad been swept away and flooded by the great tidal waves. hardships and sufferings had been terrible, and cobby a miracle had any survived. For weeks they had appeinted once dead fish, sea creatures and cactus rule. and their only water had been what they could someone from cactus stalks and the little they could collect in sea-shells when it had rained. Then a dend sea-liou

sprung up, they had managed to eke out an existence. But it was Pate or Providence that had really saved them. There were remains of ancient inhabitants on the island, and by merest chance some of the tombs were coened and were found to contain corn, beans, peanuts and other needs that had been buried with bad formed the nucleus for crops sufficient to support the few people. But they had had no comforts, their fibres, and they were in pitiable ptate when rescued Yet they had managed to maintain something of their old culture, their civilized habits, and they described with tear-dilled even how like a vision from heaven the ship had appeared to them, how for a time they could not believe their eyes-for they had imagined all other human beings were destroyed-and what inexpressible joy had been theirs, when they saw that their smake signal had been seen and the vessel was headed towards

flesh and had lived on that, and so vegetation had

Thinking that there might be other marouned groups and forth for several menths, but no others were found. that we made a most amazing discovery that was destined to entirely after our lives and the lives of thousands of others, and that was in some ways the As we steamed slowly slong one morning and I gazed

their island

stared incredulously and rubbed my syes in other amonement. Emerging from the shelter of the bit of land was another ship! For a moment I was sure it must be an hallocination, a mirage. It was inconstrable, imwants of ocean. But the others had seen it also, Everyone was shouting, crying out the news, and everyone was crowding to the rails, staring at the rapidly approaching ship. And an we suged at her through our glasses, we could see that her rails were lined with men lecking at us. No doubt our ship was as astonishing an apparition to them as theirs was to bly thin, though body kest, rest-streaked and nerlected. But we searcht national such trifles. We were filed with wonder, with speculations. Whence did she come? Who were on board her? Where did they live? What was their race or nationality? Whither was she We were not long in doubt. Our vadio operator had been busy, but he could get no reply from the other vensel, although be insisted he could see the rigging car-

radio. But we were now close to the strange vessel. We were signalling to her, our signals were being answered and resently both ships were motionless and small boats were being lowered from the stranger. Filled with excitement, we peered curiously at those in her boats as they drew alongside. They were swarthytkinned, finely-built, ankendid-looking fellows, dressed in sallers' clother, and to our further amazement they spoke to us in English, as they came swarming up the ship's side. Never shall I forget the excrtement, the confusion, the chatter of tengues, the bebel of questions, answers, greetings that followed.

And no wunder. Here were we, thinking ourselves the only men afout upon the son, representing perhaps the only surviving necess in the world, suddenly meeting another ship filed with strange recole, yet who make our ancient mother-tangue. And here were they, convinced that they alone persented a vestel, that they alone varyived, coming suddenly upon our ship, to find strangers who spoke their tengue. Never in the history of the world had there been such an erochal, such an unexpected, such a mutually amazing meeting. gradually, as the first excitement and surreise and levdied down a bit, we began to compare notes, to relate our stories and to learn who the strangers were and all about them. Their tale was almost as strange as our

THOSE who are familiar with the factory to our three centuries ago, the crew of a British warship mutinled and settled upon a tiny Pacific felct known as Pitcarm Island. Here, during the years that followed, they established a settlement, marrying the indigenous women of the islands, prospering and intheir honesty, their piety and their other admirable qualities, even though the nucleus of the settlement had been turbulent, Godless, monleyers and ruffanls men. And the survivors of this island settlement were the brown-olomed, Earlish-meaking follows whom we At the time when the moon had gone suddenly mad, a fine his also had been bring off the inland, which was a regular port on the voyage from New Zealand to

Fortunately for all, the island was surrounded by waters of tremendous depth, so that as the sea dropped as though the earth were swallowing it up, the ship merely dropped with it and was not wrecked by striking the hottom. Also, those upon the island-being all scarren or the descendants of scarren-though as terrified by the phenomenon as we in Peru had been, realised that with the return of the water, their island would be awent hare, entirely autmorred, and with one accord they rushed for the shore. Though hundreds weed-covered rocks exposed by the receding waters and though many pryor reached the shores, yet a large number (over a hundred) escaped and reached the us. She was a much larger vested than ours, a fitte. ship, which at once headed for the open sea. Though tuiffetted and tossed about and half-wrecked by the tumplicus waves, the terrific cyclones and the tempests that followed, the vessel curvived. Upon har were steen two hundred passingers and her complement of as many more. And it was obvious that, with the additional hundred survivers, the shape decrees would soon to exhausted, unless stems inhalted upon or comtained to the stems of the state of the state of the So. for words, for greatly, the correlativest skin

So, for words, for motiles, the overturnized high continuity and property of the property and the continuity and the property of the property of the motion west racting through the housest, visibly search for two treatments, known into Contentity beief them the steament, at rists of shiding with all beof them the steament, at rists of shiding with all beter over the property mapping, for an atteining, and from some they record all-provided, logoline, takenform some they record all-provided, logoline, takenform some they record all-provided, logoline, takenform some they record all-provided in the proport of limit and a standard familiar. Intuity were read by the great tried aware, Where sha the group of the property of the process of the property of the protes of the protes of the property of the protes of the protes of the property of the protes of the protes of the property of the protes o

rock by the great tidal waves. Where one the group known in the old days as the Galaysen had been were a done great fire-belishing active volunesse. The coast of South America had been to altered that it was a recognizable, and navigation was a constant porth. Currents and winds had altered and reads and needs but with the control of the control of the control of the visit of the control of the utility lets upon that densities included use.

For hundreds, thousands of miles they voyaged. The slep bearse accounted with certal and harmales, overgrown with tens of trailing weeds. Her belies were constantly giving out, her engines continually had to be stopped for repairs, her seams leaked. Sometimes, for days, she drifted lifty while her crew labored lills frends to keep her affact. At left that the

ship would be their tomb, that seeme or later the would former. And then one day, when all had a headmond loops, they wishted a mass of land, a land of sometime to the state of land, a land of sometimes and tumbling over either fast not be seen, a land tumpley of ward and carried with deep valleys or flords when the calm so extended for miles between the bills. Book of all, outside the land of land of land of land of land of land with personny terms, and the land of land of land with personny terms, which leveling pulsar and advance. Carried land of land of land of land of land of land land of land of land of land of land of land of land land of land of land of land of land of land of land land of land land of land land of land land of land

vine-draped cliffs. Here the thousand odd souls disembarked, and heartily weary of the sea, thinking never again to leave the fair land they had found, they stripped the vessel of everything of use or value and established a actilement in a nearby valley. They had seeds, tools, fire-arms and innumerable useful supplies. Game abounded, there were fish in the streams, and exploring parties searched in vain for other inhabitants or for dangerous wild bearts. It premed a veritable Eden, The climate was delightful, crops were abundant, life was simple, easy, idylik. The colory increased rapidly. Within three years it had doubled in numbers. They had schools, a church, and even the roughost members of the ship's crow become bard-working, God-fearing, law-abiding individuals under the rule of the shirts commander who had been elected president, and with the examples of the Pitceira Islanders constantly be-

fore them. The ship's surgeon looked after their bealth.

The chip's chapisin conducted their religious core-

Among the passwarts were furners, absoprations, about the passwarts were furners, absorber and the passwarts were about the passwarts where the passwarts are presented as the passwarts and the passwarts are passwarts and passwarts and passwarts and passwarts and passwart has passwarts and passwa

But long before all this had taken plots, important discoveries had been mide. From the very moment of limiting off these who gave the matter a thought had shiply effects it occupied a bendip that thought had only effects in occupied a bendip that should be specass. It was whilly a stronge plats that more land ever known, and the cupied prioring that should be speass. It was whilly a stronge plats that more land ever known, and the cupied form of the complete of the same that the complete of the complete of the from the sea. Yet it did not seem possible that the vegetation, the trues could have groung up and grown, that ferrite sail early have been formed in the mortals when the complete of the contribution of the contribution of the special contribution of the special contribution of the special contribution of the contribution of the contribution of the special contribution of the contribution of the contribution of the special contribution of the contribution of the contribution of the special contribution of the contribution of the contribution of the special contribution of the contribution of the contribution of the special contribution of the contribution of the contribution of the special contribution of the contribution of the contribution of the special contribution of the contribution of the contribution of the special contribution of the contribution of the contribution of the special contribution of the contribution of the contribution of the special contribution of the contribution of the contribution of the special contribution of the contribution of the contribution of the special contribution of the contribution of the contribution of the special contribution of the contribution of the contribution of the special contribution of the contribution of the contribution of the special contribution o

Some of the ship's officers had undertaken to explore and map the coast, for despite the fact that they had found no signs of human beings upon the island, the people could not believe that such a coot could be uninhabited, and they felt sure that comewhere along the coasts, in come of the dosp, sheltered fyords, there must be follow men. So, in one of the sbin's Isunches, fitted with a small engine as well as sails, the officers had cruised about, searching for eigns of human life, exploting, marring, thoroughly enjoying themselves. Then one day, rounding a headland, they saw a halfrained structure upon the summit of a chiff. Instantly they recognized it as the remains of a stone and from lighthouse. Here was a clue to the identity of the land, and having elambered with difficulty up the beight for the ruin was nearly three thousand feet above the

There would be no could at it. The officers had been facilities couping that the highlighness of the Pacific Residue states which the highlighness of the Pacific Residue states which the highlighness of the Pacific Residue states and the pacific Re

this laby, the conclusion of the extended continuard from the Straits of Magallan to the Authertic Ocean!

A most a second decrement, Remailing a point of the law the second decrement, Remailing a point of the law the second decrement, Remailing a point of the law the second decrement, Remailing a point of the law the second decrement of the same half-labelled and there, above reach of the same half-labelled in a return of second and other trees, was a willing. Remain

rose in thin blue spirals from bark-roofed houses; escuces were drawn up upon the shore, and men and woman, dressed in the skins of azimals and birds, were staring at the strangers as if at ghosts. They showed no hostility; rather, they seemed in terror of the white men, who, having more than once sailed able creatures then known as Alekalute nor the slightly more powerful and more intelligent people called, in

canled by the Tuckhes, the officers harried back to the settlement. All listened to their story with interest and amazement. Now they knew where they were, what land they were on, and this knowledge explained plained why there was harely a forty-foot rise and full of the tide. It explained why the vegetation was that

the entire absence of large or dangerous wild beasts. beings. But it did not explain to the commander of the side nor to his officers, how they had made such a mistake in their calculations and position But the finding of the Tuelches slive and well upon this remote southern land brought hopes to the settlers. If these simple, unglyffised beings had survived the

terrible disaster to the world, was it not possible, even mentally and in other ways-might have escaped, might even he living comparatively near? The more the people thought on the matter, the more they became convinced that such might be the case. But how could they know; how could thay find them; how could they get in touch with them? Some surgested that the ship should be cleaned, re-

the officers would not listen to this. It would be a terrific undertaking to out the ship in peaceofthy chape they had been constantly at sea, they had not only failed to find any indications of living people, but had failed as completely even to find land where nootle might

But others, and among them a college professor, argued that that proved nothing. He pointed out that only low mud-fists incapable of suntaining life, but that in the far distance there had been mountains that this southern archipelago had been raised by the catachem-in all probability by the carthquake-other out injuring their inhabitants, and he declared positively that he believed that many towns, cities and seithements that had been on the higher lands might have escaped. Still be could suggest no means, or at least

It remained for a mere boy to do this. He was the operator had died at sea. He remembered that many of should have been injured, and that there was a chancea darrard good chance—so he put it, that he might be with some of them. And when, after endless trials, after hours, days, sending out calls and listening for

learn anything, not ensuch to sid him in fixing the direction or the distance of the station. For morths be worked, testing, improving, trying new ideas in his survivors were, where they were located. And at last be triumphed. To be sure he could not send a measure that brought any response or acknowledgment, but be received enough to settle all questions. He had everheard us communicating with the Chavirs. He had caught but one word that mount anything-"Chayle" -and it was not difficult to locate that snot hy means of the able's charts. And now that there was no doubt of human beings being there, even the ship's officers were in a fewer to recondition their years and

replies, he caught a fragment of a message, excitement

But he could hear only a fragment. Not enough to

to set forth in sourch of the distant community, whe, from the fragments of conversation picked up, were obviously in dirs need of help Their undertaking was nothing compared to what we had faced. Their ship had not been wrecked, had not heen driven high and dry and left stranded by a terrife tidal wave. It had been purposely heached. It had been moored securely by cables to the chills, and although it was not in good shape, it required comparatively minor repairs and replacements. Moreover, the thir's crew, its engineering force, everybody, was

But they knew pothing of our plans, knew nothing of the Chavin people having been rescued, for the radio operator had come to a sad and terrible end. In strotching the wirm for the auterna between the shir's as there was no other to take his place, those upon the ship failed to learn of our proximity as they steamed northward, and neither could they receive nor reply to

out, thriving community and they gladly accepted our thusiastic reception they received, needless to dwell their accomplishments; mordless to try to describe their interest and their wonder at what they saw in our valky. The great, docile colonsadons filled them with awa and asterialment beyond words; our farms, our city, but most of all were they amused, fundamited, at our

were incredulous. They could not believe the nowers of the nuts possible. But old Padre Antonio told there now well over one hundred years of age, and as atrong as ever, he was perfectly satisfied. Also, we pointed natural death since partaking of the seeds, and as the Inca was, according to his statements which no one and we presented them with except to supply every member of their community

Naturally we were as anxious to visit their settlement as they had been to visit us, and though it was a temperate climate, we carried two pairs of the colossocious with an when we set staff for their distant. I want to the contract for electric companion of the contract for their co

become one home and we hand even to United of secreting in yet we requised in dislustrates, and when certain in yet we required the control of the control in the control of the control of the control of the wave greatly tempted to do so. He was few poles but organic survivated on this but we few pole but organic survivated on the would have to be determined by popular vets. If the would have to be determined by popular vets. If the would have to be determined by popular vets. If the would have to be determined by popular vets. If the would have to be determined by popular vets. If the would have to be determined by popular vets. If the would have to be determined by popular vets. If the market discovered friends, we no longer would be our for the control of the control of the control of the first control of the control of the control of the popular vets of the control of the con

operators had busied themselves installing a statum in Pacifica that could communicate with as and conof the man volunteered to remain—parily, no decib became of a charming girl he had not there—and take charge of the station.

So, inving massed a glerious time, and ladem with the state of the station of the station of the station of the station.

So, having passed a glerious time, and laden wgifts of feeds and other things that we had never! fore possessed, we bade the Paceteans farewell a steamed northward towards our Audean huma.

CHAPTER XIII The Measer from the Moon

F it had not been for the Moon Children, we might nover have left the Valley of Chrocans and the

nover have left the Valley of Chrocats and the entire subsequent history of our race would have been different.

When upon our return from Pacifics, we told of all

we had seen; and when we described the lind and possible interaction, but the popular extension; you call against interaction, but the popular extension; you call against interaction in the least of any newly found releast, interaction, and the contraction of the factor of our interaction of the contraction of the contraction of the contraction of the contraction of the contraction, you can be contracted in the contraction of the contraction contraction of the contraction of the contraction of the last produced and established through many rematally related and established through many rematally and the contraction of the contraction of the last produced and established through many rematally as a second of the contraction of the contraction with it is planted purposed for fulling in the heart of which is a planted purposed for fulling in the heart of the proper produced or of the assuments; all it for Mainly these were those who had come from Chavin and other districts, and as it had been suncounced that all who so descend were free to go and would be corried to the northern land, they embarised upon our ship and cauled away.

But as I say, if it had not been for the coming of

But as I say, if it had not been for the coming of the Moon Children, we othern, no doubt, would have remained forever in Chincana. We called them the Moon Children, yet even now we do not know reedilisely if they came from the moon. Even if they did not still they were a result of the moon's having run wild. and as no one has offered a better theory than that they were of lonar origin, the name norms appropriate enough. Neither did anyone know when they first anpeared or where or how they come. To be sure, one of the astronomers reported that he had seen a strange mist or vapor runny above one of the continental messes on the moon, and later this phenomenon was a sociated with the arrival of the Moon Children. But for all we actually know, it might have been a column of steam and smake arising from some great loner volume in we really know is that they came, like the little brown men, and the great man-sating reptile, the colouradous out warning; that they appeared as if by maric from nowhere; that they were the terrible, the most horribly gructome and uncomey enemies the human race in some remote junck or mountain dedle-to become bolder as their numbers increased and they grew larger Or again, for all I or anyone also knows to the contrary, they may have been evolved-produced-by Na-

supportion, and see theory is as good as the rest. We as in Calcium they appeared in a night some for a since of the control of the control of the sing form the corridor of the root, the strines that the correct control of the root, the strines that yet because ever, and the hardy has been bed some string the control of the control of the property of pro

ture from the humad fetid air of the vart pertilential

gwaters and marakes, the steaming funcies and the ret-

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were the result of our satellite's mad behavior it become noticeable to the beings who then acquit refugeupon our sphere. Bestilly these cavants may be right. I am not see to deny, controlled nor subject them, for I know only what I saw and experienced in that dread and terrible time, and to me and to the others of Chingman, the bringsr-convent more filedy to have been speceed from hall thus from the motes.

They came, as I say, at alph. Who was the first is, now them I cament early but presibility many saw them g at about the same time, for they arrived in numbers. Like moself, those who first nution them may be not contained by the contained the same time, for they arrived in most of the contained to contain the contained to the

through the moon had sunk below the herizon in the work, yet a fairt, glowing light reaffund the valley, and had been a sunkey, and had been a sunkey, and black althrough a. And show the deart mass of forms, mysterious and connects in the soft mosculight, was a faintly luminous, trianglike lower, but night have been a bit of feq or mist rising from the damp cooless of the jumiley, as it form does after the campose down the jumiley, as it form does after the campose down the jumiley as it form does after the campose of the particular but the particular the campose of the particular able sunner, so that my attention was attracted to it.

and mainted, so that my attention was attention to the Approaching meet denoity and pocturing at it is more many proposal manner of the state of the

received was precisely that of looking at a swarm of May-flies through a powerful leas.

I was not even sure how they moved, whether or not they pessensed winn, though I took it for grained that they did, no ecould I be at all certain of the forms of their bedies which were so yele, transparent and wrath-like, that they appeared ferrotices in that faint,

wrath-like, that they appeared formices in that faint, deceptive light.

But at the time I did not really endeavor to study

126

them with any greet ears, but watched them for a few moments in rather engory curiestly, desiring them a new species of giant insect and westlering, half contractions of the second of the second of the files and these spanishescent things to exist as strongth larva in the beds of stream for months or own years, the second of the second of the second of the second with fairy-like wings, half cons forth into the open, why their freedom about endure for only a few hums and they should perish momentally between discreas-

Wondering also if these giant insects—for I judged them to be several feet in length—swadd Be dead, bedraggied, insensate things when the sun again rose or if because of their greater size they were granted a longer agas of life than their ting relatives, I turned

I had good perhaps a quaster of a mile, when I had a training screenline of being followed, of some lime and I casily followed, and I had been a casily followed, and I had food perhis far too many times to be terrified by any known danger threat-scales gas. Yet, when I turned and glamed book to see adding, as cold chill ran up and down my spine. I had a queer, unconfortable itselfice of my scale, and a laws a queer, unconfortable itselfice of my scale, and a laws.

a queer, moonfortuble tingling of my soaly, and a wave of mreasoning, abel-upportitions at terrer surept over the me offer it there it did. There was bound as a sure of the me of the me

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instant I stood there, trenshing, filled with horses at the search. These, forgetting my corn form as I are lights than and hased finite theories the plots, I As I neared the bloom, where control voices were calling to one another and figures were cultimed in the house of light from the open observary. I passed diese to my strife. William a few yards of me a family visible, missible thing had risen swith; from within the cerral valid, to be followed by a second, at third, a disention a spiriture, of the control with the control will be considered to the control of the control will be control of the control of the control will be control of the control

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over me? Trembling in every limb, my skin prickly with gooselarge hold. I say corean, but the revolute was not been Rather, he amend parityles II seepen found to the Rather, he amend parityles II seepen from the Rather Rath

What terrible thing had happened! What terrible thing had infliend the woman's govern the less state that the less than he was that the less than he was the less than he was that the less than he was the less than he was that the less than he was the less than he was the less than he was that the less than he was the less than he was that the less that the less than he was the less than he was that the less than he was that the less than he was the less than he was that the less than he was the less than he was that the less than he was the was the less than he was th

In vain I tried to recreate what I had seen, to serve year, my vages, hadformed premointlens. Despits my cover, my vages, hadformed premointlens. Despits my covery offert, my cyca gased widtly, feat city at the off about and above us, until, well differently at the covery offert was a server of the covery of

ONCE safely within the house, and with height light on every side, our terror vanished, and though still shaken and perrous. I told in an few words as nonsible, what I had seen, and declared that I was positive that these new, uncarny, apparently bermiess creatures had attacked the hall and like varroires had spoked listened to my words. It seemed incredible, too terrible shortly, winged, bloodthirsty beings could be infesting the volley. Yet we had seen so reary strange incredible happenings, so many regulatively herrible beasts and men, that even the most incredulous of men were prepared to believe almost saything, Moreover, my story received confirmation from the wife of the exper of the house. She had remained with her children indoors while we had visited the corrst, and the had listened to my narrative with wide, frightened eyes. Then, as my story was ended, she told us how, that same evening, she, too, had seen the shootly beings. She had glanced out of one of the windows and had seen what she mistock for a wisp of vapor hovering over the trees beyond the gardens and correl Low-lying clouds or masses of vapor were not at all unusual in the valley, especially after nundown, and the world have given this no further thought had it had appeared to move, to twist and to away about with definite and rhythmic movements. Wonfering if it

we do to the effect of locking through gians, the batteryoff the floor, but by the time has held mached to the control of the

before Takes supposed to markets to fare, for a basis of the takes of the complete of the complete of the complete of the of amministration between in the side stays as the conclusion of the complete of the complete of the comtant with more as a result distance. It was a rejust that with number as a result distance. It was a rejust to the control of the complete of the complete of the control and controls, that shade and controls the lowcontrol of the control of the control of the concerns of the control of the control of the concerns of the control of the control of the concerns of the control of the control of the concerns of the control of the control of the concerns of the control of the control of the concerns of the control of the control of the concerns of the control of t

leg interroded to breadcout the message.

So, within a few messats from the time when I had
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seed the matter and had been warned.—I might say commanded, though commands in their Blerai ones were
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is that night threw light on the subject.

The reports more than confirmed our worst fears,
g Handrick of people title of hoding seas the Obligager of the Confirmed our control of the Confirmed our worst in control of the Confirmed our winness in warmen of unbown motions. Secret are private having experienced the same callings, naturalises of the Confirmed in the Confirmed in

That must was a terrible ordeal for everyone. Usship to shop with the thought of those plantly, mysterious, simust intargible beings in the vicinity, we ask and welfest through the long hours for down, fwice more we beard the bleed-curding cries of cettle and know what horrible revoiling scenes were taking place in the cerral, and from time to time we received word of similar resection being canced devolved.

members missing.

But gray dawn came at last. The sun rose above the mountains, and as the valley became finded with

to life and the terrors of darkness fled, we searched the valley, the distant juncles, the air, for signs of the cheetly, blood thirsty visitants of the right. But there was no sign of them, and as reports from every section present at least, was over, and notified all persons that they might venture out from the security of their

CHAPTER XIV

Open Fire N the clear light of day, with the sun shining brightly, with the droping of been, the chirolog of insects, the songs of birds, the lowing of cattle and the laughter of children all about us, it reemed as if the events of the night must have been a nightmam and not reality. But the mute, horrible evidences within the correl proved only too plainly that it had been no spen the ground, and every one bore those eminous round holes through which the lafe blood of the alsin cattle bad been sucked by the gruesome, mysterious, uncarny things of the darkness. Very seen reports same fate. Even three of the greantic coloursdons had to come. Before the morning was half over, more bundles of akin and bones-beside roadways or paths where they had been pounced upon by the horrible

But worse than the horror of the transdies, worse than the less of life was the fact that we were so belpices in the face of this new menace, that we had no means of combating the ghastly creatures. To be ized, if not entirely obviated, by the people remaining indoors with closed windows and doors after sundown, solve the problem nor destroy our bloodthirsty form. And to comer within doors through the long nights. cries rang out in our ears, to live with the knowledge that somewhere, close at hand, the indescribably horrible things were hiding, waiting only for nightfall to come silently forth, to dance like disembodied snirits above the trees, to drift down and suck the blood from any living thing they could find, would drive everyone to perrous brookdown, if not to insumity. Such conditions would absolutely destroy our morale. In fact, this one night had resulted in panie. And had our ship been within reach, there would have been a startvalley and neck refuse in far off Pacifica. Already we had communicated with the people there, had appelred them of what bad barmened, and had asked if they, too, had enflered. But they had seen nothing of the Moon Children, an they were later called. Also, we learned yeonge, and they offered to dematch their own ship at once to and up in decerting the valley, if we decided to do so. But even if, driven frantic, hopeless, by this new bonn impossible to do so for days to come. Our own and we shuddered to think of what might happen in those eight or ten days. No one seemed able to suggest any reasonably feasible plan for fighting or destroying the herrible creatures. Yet destroy them we must if we were to survive.

We knew nothing of their habits. We could not guess their numbers. And though I am leath to admit it, we were superstitious enough to fear that fire-arms, weapons, any means at our disposal, would be powerless to destroy the things which seemed unearthly, like beings from another universe, another planet. It was that thought that first led us to the belief that they came from the moon. All our travilles had some from the more, and these creatures-if creatures they could be called-were like wisns of recollect, as warme and ghostly, as intangule. And the manner in which they shunned the light of day and appeared at night to dance But if they come from the moon, it only made matters worse, or so it seemed to our distraught minds Earthly things we might deal with. But how could we of earth deal with these things from another sphere? And if they came from the moon, how could we ever hope to check them, to destroy them? These borden

whom mankind could only succumb, and could only All these fears, these problems beset us, as we met and discussed and suggested and tried to formulate plans. Yet over recurred the question: What becomes Somehow, though I cannot explain why, that reemed the crucial point. Probably because we humans are creatures of davilght we felt that if we could face our enomies during the bours of sunfight we could accomplish something. The most careful search failed to disclose a sign of their presence. We even tethered cattle in the shelter of the forests, broing we mucht tempt the things forth, but in vain. And meanwhile time was passing, night would come once again, and

we were still no nearer a solution

scouts, so to say, who would be followed by thousands, millions of the terrible things, by dense awarms to

All we could decide upon was to keep everyone within doors except a potrol of volunteers, who, armed with firearms, were to test the efficacy of their weapons upon the vampirion things if they appeared -- as we felt sure inexpressfuly brave men those follows must have been to have valuntoered to face the mysterious, perhamuncarthly beings, alone at night. Yot there were others, whose courage was perhaps even greater. These were the aviators. We had secured some additwo heroic men offered to fly about the valley during phantannal creatures they naw. I shuddered at the mere thought? I felt shadutely names and at thought what might happen. They might surround the air to earth. Or the things might be engaged to a point we dreamed they presumed. And even if the creatures were killed, hurled aside, cut to hits by the rushing machine and its whatling propeller, the seneation of

ploughing through them, of being surrounded by them. was enough to make one shudder with horror. But the two aviators were not men who presented versel would not return for at least eight or ten days. perges, nor who knew the meaning of superstition.



Veering suddenly, swiftly rising, the above our heads, straight at the col-

> arranged that each pair of men the valley, patrolling those por-For my part I had selected

> high in the sky, the whole affair seemed most mireal and dreamlike. Everything orded upon a background of nin-points of light shope like

last home-bound parrots winged their way with harsh cries softened by the distance, crickets chirped in the readride woods, from trilled, and hirds settling to rest

the scream of some creature of the cat kind, protesting felling, rotten limb, the droning cherus of myriads of issuets. That hearthle, varmirish, phontasmal beings and waiting for darkness, amid such surroundness forest to the west. Slowly the light faded, the shadows felt a twings of that unreasonable, immeasurably onearth's history. Yet all was quiet, calm, redolent of peace, of accurity. No shouts, no shots, no sounds of

There were't enothing allow that enote stand up before diculous beasts, that would be ground to bits, knocked right and left, otterly destroyed by the more wind made my stick had almost upset one of the creatures? Yes, they induted, they might be beautly, they might suck blood, they might come from the moon for all they

So, as the sun man't towards the west, final arrangements were made. The people were instructed to stay to their courageous-I might any madly courageous-

eared to wander alone at night with such creatures an the Moon Children in the neighborhood. My com-

We set not, sixty-seven men, all told, just after sur-

pointed with abaking finger! There, just as I had seen there before, were the wraith-like forms, syretime, dancing above the tree-tops. That those frail things could be so deadly, that they could do harm to any hying thing, seemed preposterous. They were more beautiful than evil; sprites, fairles moving in an elfin dance of formus freedom. Yet even while such thoughts came to bones as I pointed silently at the awaying swarm I felt rather than saw Jameson shodder. Then-"They...they don't look dangerous," be whispered. "They don't don't even look alive, real, They-" deepite himself his voice was unsteady-"they-they look

ble-like ghoets!" With a tremendous effort I steadied reveal, controlled my voice, "You," I where-

130

ered. "I know, But they ore real, they are alive. They are damperous; deadly, terrible!" As I spoke, I cocked my rife, determined to learn if the phantasmal things would die like mortal creatures as if I rained my oun to my shoulder, aiming at the thickest portion of the moving horde, and from the The two reports reared out like one. I saw the misty column of forms sway, rod, awing back and forth, and then once more its rhythmic motions continued as behad dropped to earth, nothing had happened! I stored at Jameson and he gazed, wide-eyed, at me. late had had no effect, the things were The distant year of the airplant interrepted our unspeken thoughts. we bad found the things; they were raching to the attack. A mirrote later the encersing machine appeared, flying low, sweeping towards us like a gigantic black night hird. We obcoted, waved our hair, pointed

Perhaps the two in the pione had already seen them; perhaps our gestures revealed the things to them. But there was no doubt the occurents of the machine saw the creatures now. Veering suddenly, swiftly rating, the plane dashed, with a deafening roar, above our heads, straight at the column of misty, sphemeral things. For the fraction of a second the swarm was bidden by the vast black bulk of the machine. There was a faint, softly sucking noise-such a sound as one makes when walking in thick mod-fee a brief moment awocoing to a landing within a few rods of where we stood. But our even were glood to the epot where the dancing figures had been. They had vanished, not a

traverds the things still danging above the forest, clear,

TIRNING, we rushed towards the motioniers plane. TURNING, we rushed towards the measures, name-not as we came near it, we halted, coughing, nameeated, by the overnowering, howrible oder that met us of what we caw. Everywhere upon the airclanechinging to the propeller, adhering to the motors, hanging from wires and strata, draping the wings and body were string, ribbons, fragments of livid, greenishcent, jelly-lake blobs like-as Jameton afterwards expressed it-like masses of frogs' oggs. And, like frogs'

each contained a dark, central nucleus the size of

"Lord, it was berrible?" one gasped. "It was like driving through-through jelly! And their eyes! God, will I ever formet it!" "And the steach?" the other encloimed and snat. "It was so thick you might have get it!" "But what were they like?" I seled. "What....." My question was preer finished. With a hair-raining arream Jameson leaned to one side. Instinctively I sprang back, tripped, fell sprawling. A faint humming. no, a purring cound, drew my eyes upward, and horrer

Drouping towards us with incredible speed were two of the terrible things. Like decomposed fish thay seemed to glow with a famil phosphorescence. About their shapeless, selatinous bodies was a faint shimmering halohis the rapidly meeting spokes of a wheel. But I rivetted upon their even! Even! Desent, scores of heleful, unblinking, facopromably cold and cruel orba that glowed like coals of green fire within rounded master of transparent felly! They seemed to hyunetise me, to render me devoid of speech, of motion. An instant more and they would be upon me, at my throat, numeturing my tuesday win. I tried to shrink away, to cover back, to agreem. I was gripped, locked in that awful numbing beltlearness that one experiences in some terrible nightmare. And then, as the things seemed upon me, as I saw with insane terror lens wavering fineers reaching towards me. I was deafound by a double crashing roar, blinded by flashes of flame beside my head. As though hurled upward by a spring,

tiny boats in a tempert, and then, slowly righting themashes, vanished in the dusk, having behind them a evercome with nausca. Dimly I beard one of the aviators speaking. "Thethey're not mortal?" he gasped. "I'll awear I put two bullets square through the things and -- "Ret!" exclaumed the other. 'Didn't we kill 'em with the plane? They're mortal all right, only they're so darned pulpy. hullets don't kill 'em. But they hurt 'em all right. Did you see the way they jumped! And it scared 'em off

The distant reports of guardre interrupted his words. We sprang to our feet. Somewhere across the velley others of the ratrol had sighted the things, had fired upon them. The aviators dashed for their markins. "Come cal" one yelled. "They're over there—to the porth! New we'll make bash of 'em?" Searcely impuring what we did, forgetting that our duties were to patrol the neighborhood, Jameson and I

clambered into the machine. You excited even to notice the horrible oder (though actually it had by now thought only of flying to the attack, of annihilating the fearful things that even now might be speking the life blood of our distant comrades.

With a roar the motor surang into life. For a moment we jelted hummed over the rough ground, and then, like a great, broad-winged bird, we rose and went rushing through the night. Below, among the trees, lights of houses showed like tirry marks, and far aboad, dim intermittent flashes showed where the patrol was etill frize-fring impotently as we know-at the aboutly terrible parceless. Almost before I realized it we more pron them, and peering about I saw a dim, indistinct, rightly column a vast borde of the beings. Instinctively I commred back, abut my eyes. I felt the exceed of the plane decrease. I heard strange, dull, thudding impacts against the body and wings of the machine. I council

pigeons' e gar The two aviators stumbled from the machine, staggered like drunken men for a few yards and threw

my eyes. We seemed enveloped in almost solid matter in-yes that was it-in thick felly. And the stenchthat awful oder that was like a mixture of dead fish, of carrion, of acid fumes, of burning brimstone and of all known majodorous things on earth, asymed thick enough, heavy enough to be tangible and visible. It was all over in an instant. With a sudden acceleration of speed, the plane was again in clear air. But the pliet was not yet through. Wheeling the machine until it seemed to stand upon one wing-tip, he headed hark things. Once more we ploughed through them. Again and again be turned, dashed at them, hunted them down, chased them as a hawk pursues a fleeing reallow, until my head swam, until I was diegy, nauscated, halfconscious; until not a single due white form was visible. Then only did he drep earthward, and like a

glatted bawk come to rest. CHAPTER XV

Deliverance from the Heavens

than burt. Although they had been attacked by
a horde of the creatures, yet they had not
actually been tenched, for their country had delven the things off, though apparently the bullets had done no damage. Why the burrible beings should have been so affected by the discharges of firearms, which inflicted no deaths nor serious injuries upon them, we never knew. But we assumed it was the effect of the concusthese creatures, delicately balanced, scarcely able to

tational null than on their own sphere, were easily speet, knocked shout and temporarily overcome by the disturbances of the atmosphere. Whatever the cause, it was always the same. The discharge of the firearms would throw them into confusion and drive them off. although as in this case they might return again and again to the attack, But the two men had been driven almost wall by the

terror of the things sweeping at them, and as our machine descended and they realized that the creatures had been destroyed to the last one, they dropped, weak, helpless, utterly exhausted, to the ground. The next instant they were overcome with violent names as their nostrils eaught a whilf of the stench emanating from the plane. Oddly enough, we who had been in the midst of it, had acarpely noticed it, for as is the case with many vile ofore, one's olfactory organs or nerver seem to become dulled or immune after the first few whiffs of the stench. But the fellows' sickness produced by that revolting smell was redoubled when they saw the ghastly objects that fairly covered the airplane. Even literally been showered with torn, mangled, mutilated fragments of the things' bodies, felt a hit faint as we gozed at the evidences of carnage littering our machine.

elegated with pelatinous matter, and the wings were impossible to use the phone until it was cleared of the shartly débria, and with loso atleba we are encuelves to the namestingly repulsive work. Among the accumumanes, and although none were entire bodies and all had been cut, mangled and crushed, yet from them we obtained a fairly good idea of the appearance of the creatures. The bodies were shapeless, pulpy, much like the hedies of soulds or cuttle-fish in structure, but more membranous and translacent. About the middles, and extending down one side, were hundreds of small, delicate, tough and elastic filaments of herny membrane, which we assumed, were the cerson of cilis by means of which the things moved or flow, and whose rapid vibrations had produced the halo-like effect I had noticed. In front of these (I say front because they appeared to be nearer the head) were several long arms or tentacles coding in four finger-like digits, each bearing a powerful sucker (asmething like the toes of appeared to be the head, a great, rounded mass of feiltlike consistency composed of scores of semispherical smaller masses in the centre of each of which was a

And in the midst of this burrie, relatinous mass was a long tube, orded like a clock spring, and bearing at its tip a circular mouth, whose edges or line were studded with hundreds of repor-sharp, hancet-like teeth or blades; the devilobly designed organ that enabled the things to here those next round holes through skin

and flesh and suck the blood of their victims. TE found the members of the patrol more scared as we thought of those keen-edged teeth horing deep into our vitals, that living tube feeling its way to the very root of life. But we could not dwell long upon such horrors. Again the far-off sounds of sun-shots came to us. There was work to be done, eloughter before us discohere, and hurriedly clearing the machine of the last rempasts of the dead creatures, the avistors myself with the two other members of the patrol, for I had had enough of those battles in the air and had no

> There was no necessity of detailing all the events of that night. Everywhere it was a repetition of what I have already described. Wherever the thines were seen the airplane rushed to the seene and annihilated them,

Yet despite all our vigilance, despite the terrific destruction we had wrought daylight showed us that we had not escaped unscathed. Nearly one hundred head of cattle and six colossasons had falke victims to the busks of men, with their empty rifles and ammunition belts telling the tale of their tragic, borrible ends. Yet caused, we had destroyed hundreds, thousands of the beauty things, and though we did not fatter currelyes for example, that those that had killed the four men bad escaped up-atill we felt there could not be many remajoing, and that, in one or two more nights we would he able to annihilate them completely. How little we knew of the incredible borror of what

That night the demoniacal things seemed to be as numerous as ever. They were everywhere, and though greater than before. Where did the spectral things come from? Where did they bide during the day? And what would be our fate when-as would seen be the case-our fuel was exhausted and the airphane, our only means of

destroying them, would be modern? THERE seemed but one solution, one possible way of saving the lives of any inhabitants of the accurred valley; to fice to Pacifica where, so we learned by our radio telegraph, there had been no signs of the Moon Children. But it would be a week ere our ship would errive. It would require days for our recole transport us all, and each trip would occupy nearly three wachs. It would be measible hefere the thousands of inbabilization of Chicana seeds the removed, targether with their percentions, and long before them—yes, within three weeks at meat—we would have send the last of the simpline foult, and the machine, our role protection, would be unterly uselone. Some—a few bundred of the inhabitants—might be saved, but the others—thous and of time, you can call of the control of the con-

But we made an oven mere discusserting discovery. We had given to broight to the pills of mangled ansees We had given to broight to the pills of mangled ansees each hattle or to the hundreds of creatures that had failed to surch does, tern to blist, during the serial carmage. We had been fur too bury to better over noth another than the series of the

cayed, but that each fragment was sleve! Neithing that we had althort once of nodes was not untilled, or glandly as what we now saw. Each totip of membrane (no. I must qualify that feet it was only when there were master of those front's tegolila portions of the hade receiving sleveline margoril. But that was not the worst. The accumplations of shattered, multilated remain appearing resulty related and, a noment batter, we understood the resons. The larvel things growing results; a larvel that the same of the same of the results of the same of the same of the same of the results are same of the same of the same of the results are same of the same of the same of the results. It is not received the settle too by the become

complete fully grown creatures and two in revarua. There was no end to the plantly things! The more we destroyed, the more arous no based us! We were litterstly saveing dragated tech!! No weather that, despite all we sellnationed, such sight househ as many more. It was no "At parlays we were not yet too lists. By utterly destroying the fregment as fast as they were breight down we stight yet with, might yet be speed ever one."

greeien I and for the plane was exhauted. Introduction, pages, mail serules of men were organized, and the shoulds take of berming and then beryong the model and the beryong the serventh of the serv

And though the members of those run laving seemed incalculable, though night after night thousands were clain, still hope again rose in our bearts for each night there seemed fewer of the swarms and the swarms appeared smaller.

And at last we discovered their deylight resting places. We had scarched everywhere—had secured the fields, the groves, the jungles in our heart for the things; bestee the underbreach, examining caves, but all in wate.

But one marging as with Frank and Padre Autonio I

left substruct and underted, we passed for a total real in the other of a taking know of treat that come a welcome rhand, I bappened to glance up and stood transfreed, straing. Covering the branches bigh above our bonds were great matter, innease perhal coverescent, the property of the contract of the contract of the 2 brief instant i stared, guarked, wendering what the things were. Then suddenly I can, suddenly I realized the truth. Then were the plantly, vamplichs, availad

things we had so long rought without routh! Not length were they mitty, white, translational, ophenment-looking overstores. Solitated with their roots of the local victims, they were clinique, longing to the branches, to one another like great pet-bolide bett! the control property of the longing to the branches, to one another like great pet-bolide bett! when the control is proper as the part of the branches the three the control of the control property as he gazed at the branches things, as thereast dimen more herelike than they had ever a peared when danting, like disorbedied apriris, in the graced when danting, like disorbedied apriris, in the

moscillate. Frent disidered and an excellation of pergreen from his lips. If the allowand on develoe at the sight. With allow a moss of recent types the requireter of the control of the control of the requireter of the control of the control of the control with a ran of great dress upon the foliage as subdenwith a ran of great dress upon the foliage as control to the control of the control of the control of the body against the bell of a great tree. And then as the control of the and golden of the rath we bond atrapage counts from the substance when the control of the basing rounds as from millions of upon type long queries below. High-third organics that grated on our secretation of the control of the cont

store. It struck the sodien earth with a borrite, equally third, and like an overripe fruit, beard open, existering its thick, purje stinking contents—coagulated blood—upon trees, earth, and on all sides.

BEFORE we could move, before we could flee, mother and another came turnhing earthward, to strike

risk blood filled Uniter were Lufty relating downthis real Law and the relating tends of a shautherboar. Delptin, theirbing with the horse of it all, the control of the control of the control of the pourier pain. And all from which the law of the the pourier pain. And all from which the law of the the pourier pain. And all from which the law of the the control of the law of the law of the law of the states of the law of the women of a latent And were those fallen things and the face of the law of

As this question came to us Paère Autonio's lipe oftent he a firm tight line, and turning, he stalled deliberately tearned the groce where the things were still failing like wind-blewn fruit. With an effort I forced myself to fellow, and Fank did the name. There was only one means of learning the truth: to investigate at once, and borribly requisive as it was, we forced

Few of the table were fulfing more, there were no Few of the table ground was like a bandless and the feet of the ground was like a bandless and the field, awrite stend of blood was simont unbearable. No hattliffed ever presented such a seem. Earth, trees, to break, everything was beithed in blood, dyed a lived, parylish-red. With gritted teeth, thebity abut months, under a lived of the first too control our nerves, we examined the remains of the hours; and shattered

things.
But there was no sign of life in any, and as the rain trickled down and fell in streams upon the bodies, we new them melting, actually denotiving, before our eyes. In the wonder of the king we almost formed our harner and the assess that beet us. It was not it the things transfer date to expansion, and the conference of the course made of the converse their world to better, it is attained poly body as flash as an analysis to great the converse that the converse that the conference of the converse that the convers

of pulpy dasth, and gave forwest basics to Him who had blassed our valley with the rain, and prayed with all our hearts that the God-given delage might somition throughout the night until not a living Moon Goldi nor a trace of their bodies remained in the world. CHAPTER XVI Chinosana Avenged

As I is answer to our proper, be the field all of the control of t

Of course, there had been heated arguments among of the things having come from the moon. Some declared that it was impossible that they could over have duelt there. They asked how blood-enting creatures could not sustain warm-blooded or even cold-blooded creatures. To this the supporters of the theory replied that, in the first place, just because earth-animals reonired water to subsist, did not prove that lunar creatures reculred the same. They printed out that-in the en earth-many creatures (both warm and cold-blooded) called attention to the fact that innumerable forms of veretation rould (and formerly did) thrive without from the atmosphere; that these vegetable forms growwater, and that saims! life-even burnen beingscould secure enough water from the stored supply in the plants to sustain life. They also reminded their orgenents that the Moon Children, as they were al-

ready called, were not susceptible to moderate amounts

of ministry, that they had been seen repeatedly as miner, fager shallow and has the ministry time the ministry, fager shallows and had been as the tail registation of orits at well as annual life. Very construction in the month could not produce to the alternation in the month could not producely to the alternation in the month could not producely to the alternation in the month could not producely to the alternation in the month could not produce the produced to the country of the country of the produced to the country of the country of the produced to the country of the country of the net reverse large bolds and water, increase which could be compared to the country of the country of the first contraction can be also that a cause; I for all the despectation can be also that a cause; I for all

and the spice there can do not write a cutty and the spice that can be comed to come any come and come

the Ball, there, once again I had wandsred away from the set times of any sery and have been digressized. The rest is relied to the service of the service o

detection numbers.

There was no longer any question about our people of the property of the terminal property of the property of the property of the terminal property of the property of the property of the terminal property of the property of the property of the property of the terminal property of the prope

to transport the inhabitotic and their property is paralles. It was decrease, a transaction undertaking, Paralles. It was decreased in the property in an extra parallel of the property of the parallel and transported of one time and all over known for contracting the property of the parallel of the standard prost, that right sweam should follow and that the property of the property of the parallel of the best group professions over the door fortfields. For this time our only not ready to an, the Parallelmont with their arrange of stems the Dismonth stalls, was not with their arrange of stems the Dismonth stalls, was not with their arrange of stems the Dismonth stalls, was not with their arrange of stems the Dismonth stalls, was not with their arrange of stems the Dismonth stalls, was not with the property of the property and all those things to carried, the process of the property of the property of the terminal property and all those things to the carried to our new stores, and property them in

were still there and thousands of people yet remained.

vined that the Meen Children would not appear except on class rulpits, there were many nights when we could rect from our duties.

In the control of the control of the control of the individuals or proups of three or four danced above the trac-tops where theseconds had converted before, these few vere in their way far more diagnosis than the few vere in their way far more diagnosis than the few vere in their way far more diagnosis than the few vere in their way far more diagnosis than the few vere in their way far more diagnosis than the few vere in their way far more than the conlation of the control of the cont

for were in their way far more designated this the instinct or without by experience I do not know-ofore man and exposinly to faze the alriphics. Beingly could we conswire this either the alriphics. Beingly could we conswire this either the alriphics. Beingly and the either the either the either the either the And despite every presention, they would manage to doctory our demonstrot beauty. We in a way their warear distributes between a man with sections and an unrested intributes, and by posting man about the authority of the beauty way and the either the either away of our beauts were saved. But it required tens of unusual between a sword. But it required tens of unusual between a sword. But it required tens of unusual between a sword. But it required tens of unusual between a sword. But it required tens of unusual between a sword. But it required tens

of unusual heavery and herele occuracy to pure hade and farth threepis the night, unarrand save with a outgoin or same agricultural utenti, while heavery sie the same of the same of the same of the same Berne coll a few of our establishy arch and colessature pears were properly guarantel, and as we feared to exsent our measure supply of all grains and in studie or daughte every officer, untuity evaded that attacks or only made little heaview, and hold to be satisfied if

really made mean beauting and not to a secretary that things did not increase in numbers.

So the time passed until at last the two thips returned and a second cargo of people was sent southward, until for the third, the fourth, the fifth time they made the trip and only men, the remaining live stock

THEN It was a we particle the writer on other me or could not take a great through any real good we could do, that a great through the real good we could do, that a great through which seems defilling we see that the way as well when it was even that it was a west secure of the world. More Collidors, a restriction ground the particle of the country of the seems of th

Squares canne Encorrobly convert. The recor of the united Then, from up the white carnet the record of the theory of the theory of the state. Then, from the white carnet the state is a first modelle that the state of the state is a state of the state o

at that terrific battle, we atoot there. Despite the thousand that had been destroyed, despite the great swath the machine had out through their ranks, the Minor Children neemed numerous as wer. Then, suddenly, without warning, they occured to distinterants to thin out. The altonet sold mass larvist. into hundreds of columns, into accres of groups, intothousands of individuals, and separating, whirling, rissing rapidly, they variabed in the sley. And as they broke ranks, overcome, driven back, vanquished, i saw the adoption ages disally, and then come plunging to

earth
Horror-stricken we dashed towards it, galvanised into
Hie and scivity, oblivious of the aline, pulpy awful
mass underfort, kinking only of the two hereon corn
whose lives we felt convisced had been serrified in

whole have we fest convenee has been extrated we whole have we fest convenee has been extrated on the shatteney, twited machine confirmed our weest fears. The two orisiners were dead, the even in our office of the original way to be the same of the fest we reside the confirmed our weets of the fest we reside the fest of the fest which the fest was the fest which the fest which the fest weets the fest which the fest weets the fest which the fest weets the fest which the fest weets which the fest which the fest weets which the fest which the fest which the fest weets which the fest which the fest weets which the fest weets which the fest was the fest which the fest which the fest was the fest which the fest which the fest was the fest which the fest which the fest was the fest was the fest which the fest was the fest wa

gallantly to the very hart!

felt sure they would renew their assault upon us. We realized that to struggle farther would be futilemerchy a sacrifice of lives. All we could do was to preserve our own lives and the lives of some of our live steck. Within slosed doors and solid walls we would be sufe, and by driving the cattle and the remaining colossudens into the city, and securing them within some of the many buildings now empty and deserted, we could held our own until our shins returned for us and we deserted the valley-to the Moon Children forever. Skywly the days named, still more slowly named those awful nights as we wanted for the coming of the ships and for deliverance. Then, when the givi tidings reached un that on the morrow the two vessels would arrive, the Inca spoke. For weeks no rain had fallen; the valley was rerelied and dry, seres of shandoned wheat stalks, maize, sugar-case and other crops spread like a dull-golden sea across the land. No living soul, no living beast remained outside the city's walls.

night, our last night at Chincans, we would wreak a

terrible vengeance upon the hordes of Moon Children

The Irea's pine was anisph but would be terrally effective. It would require some courage but it would feel to be a second of the second of the second to the second of the second depth of the second of the second of the second depth of the second of the second of the second depth of the second of the second of the second depth of the second of the second of the second depth of the second of the second of the second destroyed by the configuration that would areasy the ceduity while the second of the second of the second of the beauty that we would not seen the second of the beauty that were a meast to fail market.

And as the our oot and darkness full upon the valley (for the moon would not rise until late) we stood arpetant, keyed up, cecited, watching and waiting for the to faint, most-like forms we were sure would come. We had not long to wait. For days the things had been without food; they must have been famishing, starving, every side, converging in columns, groups, swarms, the phantasmal things came, gyrating, danging towards us and their expected front. But it was the dance of death for them. Controlling our terror and our desire to seek refure in our dwellings, we stood waiting beside our piles of tinder, awaiting the flash of fire from the Incs, the sisual for every man to touch match to the Nearer and nearer came those swarms of the Moon

Children. The very sir seemed filled with them. The air was clouded by them. The soft purring sounds of their swiftly whirring cilia rose like the worshing of a wind. Not until their advance guard seemed almost he touched fire to the pile before him and leaned back, Instantly hundreds of they flames cleamed like fireflies in the darkness. With a cracking roar a vast ring of finmes leaved high in air, illuminating the valley, redhosts to pale-pink, undulating clouds. Great columns of hartif amoke rolled unward, showers of bluring much roared hundreds of feet in air. For a brief moment the oncoming thousands of floating, whirling, dancing, terrible creatures halted. Then, like a reversed entaract, they poured unward, a rushing, confused, riotous mass fire and smoke. But the thousand in the year were packed into an almost solid mass. The draught of the We naw them shrivel, blacken, go flying off like the conders that surrounded them. By hundreds, by thous-

the main body, and dancing, gyrating madly, with incredible speed, tried to encape the fury of the fames. The vailey, for acres around, was a seething furnace. Never was there such a holocaust. It was terrible in its immensity, awful in its thoroughness. It would have to endure, had the victims of that wholesale sarrifton been other than they were. But they were demons, incornated borror, and we gloated and exulted as we watched them seared, shrivelled, consumed in their

aimless, frenzied efforts to escape their just fate. Possibly a few may have comped. Who can say? But I doubt if one survived. We had wrought a terrible reprisal, we had utterly destroyed the valley we had loved so well. But for the first time in months we felt whelly safe, whelly satisfied, whelly centent. And the two beroes, sleeping the endless sleep within the battered plane in the royal tomb, were avenged.

Pacifica-At Last

ARLY the next morning we left the city and the waste, and driving our flocks and herds, and with our colorsadons heavily laden with burders, we took the read to the sea. In the effine the two ships rose and fell on the large med, and great was the relief and the jay of those on hoard when they saw us upon the shore. Far out at sea they had seen the birld glow from the conflagration, and fearing some estastrophe had overtaken us, they had sent frantic calls by radio. But they had received no anywer -- the operators having been, like the Moon Children-and our silence had filled them with

No time was lost in embarking. Bost-load after boat-lead of bear, bales and bundles were ferried to the ships and hoisted on board. Then the eattle were swam out and along upon the decky. But to have shipped the have colousadons would have been an impossible task. There was not a tackle, a derrick nor a hoisting engine careble of lifting the gigantic bearts. In fact we had never contemplated attempting to embark the creatures, and having relieved them of their loads, we turned them loose to recen free and at will in the junster with their wild kindred. Then, boarding the vessels ourselves, we steamed southward for Pacifica.

THERE is little more to relate. It is not needful for me to devel upon our history after our safe. arrival in Pacifica, for all that has been duly recorded and is known to all-our discovery that instead of an foland, it was a vast continent stretching to the southern pole and beyond, our slow but steady progress towards governmental organizations instituted by the benish Inca and good Padre Antonio, our epochal world voyages on which we discovered the other surviving communities of our fellow men to whom we carried word of cormarvelous land, of our Utopian lives, of our progress and our alms; how thousands flocked to join us and how Parifica become the great centre of our present-day world and our Universal Brotherhood. All these matters, so I say, are known even to our children.

But it is exceedingly difficult, however, for one who has lived to see so many coochal events of our history, who has been so intimately associated with the building of our civilization, who has played a not unimportant part in our struggle, who has personally such heross as Grayson and Ellis, who has seen guch horrors as the Moos Children and has bettled with the To those of us, whose lives have been limited to our

scems vague, scarcely more than a tradition or a fable. It seems inconceivable that millions abould have been destroyed, that human beings should have killed one another like savage beasts at the mere command of one men, for the mere approadizement of individuals, the acculation of lands, the desire for wealth, the ambition

for power or because of religious behefs. But, thanks to the Almighty and to the Inca Chukinperhaps as much to the magness of the moon, such

Today mankind is proted in an insoluble bond of earnest desire for the betterment and advancement of the extire race. Justousies, intrisues, dreams of individual power no longer exact. We have no rich, no poor; all Creater for the benefit of all; there are no intolerant, or creed; intellect and accomplishment are our only courts, no bankers, no trouble makers, no jails, no

criminals. And perhaps best of all, we have none of And if our revered Inca looks down upon us.--as he surely must, and if good, loving and lovable Padre Antonio's spirit keeps watch over us-as it most surely does, then they must be supremely happy and contented hes been carried out, and the end towards which they labored and taught and led us, and to which they devoted



Service First

By David H. Keller, M.D. Author of "Revolt of the Pedestrians," "The Eternal Professors," etc.

ENRY CECIL left the office at the usual time. tured minutes, pressed on all sides by sardined humanity, struggled till he escaped out dated six, but on this two held ten, left the elevator at

bathroom. There he washed and prepared for princer.

"I think so. I bought them at a new store. Burning a special on baked beams today. I saved three cents on "That is reed. Now, what do they want next month?"

"Sewaty-five dollars." "Fifteen more than we're paying now."

he took a crust of bread and wived the plate carefully. He drank a half glass of water. Then, pushing the plate "This is the end of trying to live in a respectable neighborhood. We have sucrificed everything we could

I wish we could stay here." "So do I. I would like to spend a week in the counto be my own bost and make enough so you would not that does not get us anywhere. I saked for a raise

That is your old-time humor, Cecil." They both isushed, and be, encouraged by her smiles,

"We have a wanderful, fine, modern, one-room aparthouses built in New York City and all of them were divided into one-room apartments. We are imitating the hear we are living like the termits. And now they in a bedroom by might, a perior by day and an eating

place morning and night. We have closets that are classified as kitchen, both, and clothes rooms. When we take the bed out of the wall, there is hardly any stood left to walk around it. When your mother comes, we cline like a pen-knife in the hathteh. We have denied in order to live in a nice neighborhood, where we do not know a cincle purkbor, and now they add fifteen Nothing is free in life!" exclaimed the wife sadily

"Yes, something is. We can go up to Central Park and take all the air we want for nothing. Say, that is office. She had yone through the daily mail and had an idea! The air is free. If only we could live there!"

"I lacked two things, my dear. One was money and the other was technical knowledge. I never could step tion till it was marketable. Even then I would need to possess a greater scientific knowledge than I have, to even sell the idea. My dear, when you married me, you made a mistake. You should have married a laborer, ventions by night and, in the meantime, allows his wife to work because otherwise he cannot as much as prowide a one-room home for her. You are a clever woman,

Arline started to cry. The work had been hard that day. The netice of increased rent was too much for her, so she easily passed from hysterical laughter to uncontrollable tears. Coeff patted ber gently on the He whispered, "Don't ery, Marna," And then he threw his fist into the sir and went on:

"Pure will find a way out for you. You just trust That was a way they had, of colling themselves Marsa and Papa. They had no child. They know that unless a miracle happened, they never could have a

buby in the family. Their union was no more a family sexue as they did when they talked about Heaven and a

So, all that night Heray Coril lay sleepless by the sleeping weman on the bed that was let drawn out of a bele in the wall. He had recomised her that he would find a way. He had never failed boy. Resh had been his statement; almost impossible his words, that be would find a way-but he had said it and he would

have to make good. Siego deserted him; be went into a brick wall, a hopeless future. Desperate, he dressed an hour earlier than usual, went down and bought a morning paper, and returning to the spartment, sat down to read it while waiting for his wife to respond to the ever-present threat of the alarm clock. When he first glanced over the paper, Cool thought

that the news was of the usual uninteresting nature. The same things were happening. Three gangeters had stoner was confident of finding the murderers at once and threatened to dismiss a dozen detectives if they failed to deliver the guilty parties. Several society women had secured divorces and one had married for the third time. The champion home-run hitter had struck out. At the Conference of the Nationa, the Seventh Agreement for the paying of the war debt had failed to secure the approval of Iraq, therefore everything had to start again. Ab! here was some real news.

Jones and Jenkins had broken the air record for continuous flight, having remained in the air thirty-seven days and six hours. During this time they had been supplied with ran, oil, and entertainment by the service plane of The Universal Air Corporation. Continuous flights in any direction would some be a possibility. Service Stations in the Air! Why come to carth to refuel? A nea-stop flight around the earth was being arranged for. That was news. Cottl was properly

thrilled. And here was something else conflict with his landlord, Pereival Provens, it seemed, rented a twenty-five-room apartment on Park Avenue. Though many times a millionaire, he had one percliarity-a dislike to own property in New York City. He was up and the landered was seking two hundred and fifty thousand dollars a year more rent. Provens had paying more than the spartment was worth and that one of the greatest evils of the city was the high rentals. There was a statement from the man who owned the apartment house, showing that he was not making five per cent on his investment. Another statement that rents were no higher in New York City than they were elsewhere, considering the fact that the domand for apariments was so far in advance of the supply.

"Well well" exclaimed Henry Coul to himself as be out down the paper and went out to the little, diminutive kitchenette and put on the eatment. "This rent problem seems to hit both the rich and the poor. Now I am sure that Percival Provens could easily pay that He, evidently, is mad at the idea that someone is trying to reb him. There goes the alarm clock. The perfor clock seems late. Pshaw! wonder why they call it a parior clock? Wedding present, Old-fashlened aunt of Arkine's sent it to her. Wrote and said the war sending us a parlor clock. Wender how it would be to live in a house with a parior? Priced those clocks. The without winding. Samply attach a plug to an electric light socket. That would be a rood idea for a picce of machinery. Great to have a watch like that. Mine it always running down. Forget to wind it.

In a few minutes Arline came out to the kitchenette. The hed had been put back in the wall, and the table taken out of the wall and spread for breakfast. dishes of ostmest, two care of tea, two risces of bread and butter. Done! Now for the fight in the subway. "I see," said Henry as they waited for the elevator. "that Perrival Provens has had his rent raised."

"Who is Percy? A friend of yours? Better find out Artine's countie reply. "Better think fast, Henry, dear, You promised me we could stay if we wanted to" "I am thinking about it," replied her bushand, king-

ing her good-bys and dashing into the subway. When he was in the daylight again, he saw a crowd eathered in front of the office building where he worked. He joined it and finally found what it was all about. A man was solling rubber dolls that could be

"Blow 'em up and see 'em stick er tongues out," he was shouting Cooll reached over and handed the man a dime, grabbed a doll and rushed to the elevator. As econ as he arrived at the office he went to the head of the de-

pertment and asked to have the day off.
"Mother-in-law dead?" asked the man. "No. I just have business." "Cannot spare you today

"If you go, you're fired."

"All right, and you can give me my time. It's a dog's work for a dog's wages, anyway. I could earn more with a showl working in the subways," HALF as bour later Ceril was on the street, jobless, with his hands in his pockets and nothing else.

He went at once to the central office of Universal Air Corporation. In one way and another he finally reached the secretary of the President. This individual was supercitious and arrogant. He finally agreed to make an amointment for Cecil to see the President at ten e'clock on the thirty-first of the following February. The man, without a job, walked out. Ten minutes later the secretary received word that his wife had been hurt and was in the Methodist Homital. Naturally, he reached for his hat and hurried to her side. As be did so, Ceril named birn. Three minutes later the horoful inventor was searding at the side of the President of Universal Air Corporation. "I tust had to see you. Mr. Provena," he said, "I could not wait for an ameintment. We have a great deal in common, and I wanted to talk to you about it."

"Did you see my secretary?" thundered the busy "T 654. He, naturally, refused me an interview. He left the office soon after and I came in."

There is nothing wrong with your nerve?" "No. But listen to me. I had my rent raised yester-

day and so did you. You probably feel as sore at the day and so did you. You proteing rees as now as any real-estate owners of this town as I do. Now, you are in the airplane business. Your company makes them. You want to see as many planes sold the next five years. as Ford used to sell automobiles. I have read your articles in which you state that you want the nation to become air-conscious. Are I right? Now, surmose I give you a few ideas that will bely you sell planes and, at the same time, give you a very sweet revence on these property owners? Suppose I tell you how to take so many peeric out of the apartments that the realture will be begging folks to rest their places? Would that "You must be another inventor crank,"

"I am, but I have something worth while. Will you listen to me? Will you give me helf an hour?" Under ordinary circumstances Provens would have had Cooll thrown out of the room. But he had a ten o'clock appointment with a man where he disliked. Here was a way of escape from a disagreeable interview. He called to one of his assistant secretaries and canceled the engagement and gave Cecil one hour of the morning. "Now, here is my idea," said Cecil, sitting down on

a chair right across the table from Provens. "Airplages are cheap. Pifteen hundred huys one and twenty-five hundred burn a larger one with a fairly large cable. I want you people to build a safe plane with a wonderful stirms and as large a cabin as you can. The maximum cost ought to be three thousand or less. Sail it on monthly payments. Then fix up the cabin so two per-sens can live in it. The napers say that a plune can stay in the air indefinitely, so long as it can be serviced. I see that your company is thinking of building sir pervice stations. Am I right? Now, when a young couple want to marry, they simply buy one of your planes. They live in it. All the comforts and nocessities for them and the plane are supplied at a nominal cost from your service stations. They have no rent to DAY. They own their own homeolane. How is that? In different parts of the city, erect large tubes. They fy to those tubes. The service includes parking print-leges for the day. The men so down the tube to the ground in a circular escalator. When they are through

work, they go up the tube, subur their phase, and speed the night in the air. If they want to coar, they can do as. If, on the other hand, they want to go to one of your air granges on the outdright of New York, they can stupp if you there and alight on one of your serial matrix. The cost of the plane includes a certain amount of free service, say, for one year. "You sell, not only the vision but service. Of course,

the things like gas and sil and feed and entertainment would have to be paid for just as they are now. "I know what your objections are going to be. You will say that the cabine cannot be furnished. That has been thought of. See this doll? It has a tongue, but when there is no reed of that tengue, it remains to the mouth. Now, surpose the shild that owns this doll wants the tongue to stick out, all he has to do is to blow some air up the doll's lay and out comes the toppue. That is the way I want the furniture of this cabin to be; made out of rubbey. Man and his wife come in the plant and want a little supper. They prove a button and the rubber table is inflated and comee up from the floor. Supper over, they simply defiate it by pressing another hutton. Time to go to hed another button, and up comes the bed out of the floor or the side and it goes back. Have the doors the same way. Press a button; out goes the air and the door opens; press

another button; in goes the air and the door blows up and fills in the doorway."

Percival Provens jumped out of his chair.

Percival Provens jumped out of his chair.
"You stop talking till I come hack," he called as he off the room.
"And that in the end of my interview," meaned

Heary Geell to himself analy. "Dear't that bear all Going nicely, and said just one word too much. I wender what it was?"
But the President seen returned with three well-dressed young men at his healt. He introduced them to Geell, and, ending, and, "These row, are from we

100 the President soon returned with three wallcreedly ware need at his bett. In interduced them recordly ware need at his bett. In interduced them created the president is not a second to have a pecular idea of invention. Employment, ashing chapt, who sub-reed seg on their vests and starred to death, who sub-reed seg on their vests and starred to death, to the second to the second to death of the total price of one man. I have no idea, into the idea, and I give that idea to the inventors in that upcided department and each one works on different parts of it, and finally we have the new interment and it is now here. However, the new tentor that the conmitted contribution of the contribution

you have an idea. You don't have one idea—you have a done. I want them to take notes of your lecture. Start right at the beginning and tell them all about it."

CECIL breathed a sigh of relief.

"I thought you would not like it," he said.

"Like it! Man, it's revolationary. We will show to like you like you live! The proceed is rather well bourht folks here to live! The proceed is rather well bourht.

up, but the sir is still free. All we have to do is to keep quiet about this till every feature of it is natsuted and then we will take those poor people out of their the air and, at the same time, be in their own homes, Will they do it? I'll say they will. When automobiles were so popular, do you remember how thay used to go across the continent and camp out? I will make it possible for them to do the same thing with a plans. Every town of any size will have a service station for tourists to land on for the night. Service. SERVICE FIGST. What care I how little I make on the first roice of the plane so long as I can sell service! How about the safety rasor? Do you remember the time when they gave them away just to get new customers for the hindes? Go on talking. Empty year mind of the whole matter. Talk as you never talked before. Fast! Born. listen to him. As he talks, make notes, drawing, put down question marks about points you do not under-This is the dawning of a new day for our corporation and for the neor devils who have had to rent

their homes from rapacious landlerds. What a revenue

from me. Now it will cost them billions." "Now." said Ceeil, "suppose we have a man and wife Hylpy in one of these planes, the cabin of which is fitted with rubber, inflatable furniture? Night has come. They infinite the bed and go to sleep. They know their plane is safe till merning, because it is on Air Corporation. The next morning they jump out of bed and prem a butten and the bed collapses. Get the idea? Ther prote another button and up comes the litthe breakfast table. They look over the weekly bulletin and select breakfast No. 27, served to two pursons for twenty-three cents. They phone down to the restaurant of the service station and up comes the breakfast through the tube. It is in a little cylinder, all ready to serve. The wife opens the cylinder, takes out the paper dishes and spreads the table. Breakfast over, she puts the paner dishes and pankins back in the evinder and sends it back on the reverse circuit. The man finds he has a few minutes of leisure, so he turns on the service radio and listens to the latest news, furnished by the service station. He then looks at the various dials and finds he needs five callens of gas and

s quart of oil. He needs the necessary sizes and as once this is run into the train. He then persons a bacton which stores his capite and releases him from the exclusive states and the state of the state of the states and the state of the state of the state of the states of the work. Being a regular customer, he has a regular place to more it. He furthers to this by mean a regular place to more it. He furthers to this by mean A rabber door open by collapsing and a rabber leading platform persons on by it inflution. He and his wife water on the platform is turner around other the water of the state of grown by steeping on see of the platforms of the oils.

or caller escalator.

"Scottlemen. Can you visualize that? I can. Now, it to man and his wife work all day. Night comes. They go to the hanc of the service station and top on a platform of the according spiral occalator. At the level of their plane they step off and enter their knows. Per

140 AMAZING STOR bate they have support there, or it may be they prefer to take a ride through the art to Philadelphia or Decom. No matter where they go, they will find every form of overrise at Universal Air Bervio's Binton. Meals of the best grade at a low jefor, antonement, information of any land, post, of, correction with the ground, desting land, post, of, correction with the ground, desting the grade of the property of the state of the second of the sec

at nominal prices to all purchasers of their surplaces.
"I spoke of summements. Radio and theirwision can easily be provided for. A daily nove service, education for the children over the television and radio, in fort, everything that makes life easy and comfertable will be farmithed. It will cost now to live then it does now, because the service, supplied to thousands of regime cattlement, can be farmithed at greatly reduced in contract the cattlement of th

rates. Every plane owner will have a fair idea of what his living is cooting him, and the bill for the cotire service can be pealed monthly, just him a telephone bill or a charge account at a store.

"I feel that the construction of the new style frome-planes will be a simple matter. The newthy will

he is the mosted mosts, or columns, with their publishmen.

In the other publishmen is a magnetic plate a fairer a color of the color o

tent is season in in order, overgramm, as provised not become the control of the

to be intrarried to the stud or the game. Authorizes sharely, absolute southerform, no dishlwashing, no homocleoning, for there will be no dash. No cooking, A moving picture or a stalle in the plane whenever it is wanted and costing so more than thickets to the average theater would cost for two."

"CNOP." For condense take, step It thundered Pro-Cost Provens. "Ten here given see enough new bloom new to keep as lower for the next two years. The locate new to keep as lower for the next two years. The locate is not been as the next to the locate of the orders long ago had we a slaghe man in our digustrant, others long ago had we a slaghe man in our digustrant, when the long ago had we also had been as the first bloom of the long the long ago to the first to long the long and the long the man to the long to the long the long the long the long tension on week. I said the work member that con motion is

statilize any in the second will you. Mr. Pravens," was the featuring entry, "the to this merging it was a text in one of the leatings offices of a chain store corporation. I received one hundred and twasty-few a month. This mercuing I saked for some time off so I could have this inference with you. I was at one decharged 8.9. I officework with you. I was at one decharged 8.9. I will be supported to the second of the s

to our service. That is the big idea. Mr. Cecil, I know that your position is so important that you will not

consider a place under me, but-

what has been a second of the second of the

tig skary is a pesquire, a down, a man of utin and determination. I come of natural to appropriate the consideration of the considerati

I have a woman in the office who is fifty years old and cross-sych, but how the can take detailed: Coeff, that woman is years. If yea are a man, ge and bill year wide he is fixed. Take this five hundred datase bill and woman is years. If yea are a man, ge and bill year wide he is fixed. Take this five hundred datase bill and year of the property of the property of the year of the property of the property of the year of the property. On the year out he met the neutrance. One

no man placed, but the other clerely prince. Out on the payment, a man was colling rubber dells. How then it up and their berguns nick ont. Half a million workers had passed that must ince cipht ordeck. They simply now a man soiling rubber dolls. Henry Ceell saw more. That was because be was a

dreamer.

He ruthed to the office where Arline worked. Strong-raphers were not in the habit of being hugged and kined in front of everybody. Arline hird it in a way and then agoid she did not like it. Coell did not care. He had ber but on and before the knew what was the matter, they were out in the helf, whitten for no matter, they were out in the helf, whitten for no

the He had bey had on and before the Leaw what was the matter, they were out in the bell, walting for an elevator.

"Are you sick, Henry Geill?"

"You but I am; lero-exit. I have at last commercial is raid a dream, turned a video into oak. We do not have to more till we go into our air boxos. Where do you want to eat and what clothes do you wan drains the

He says that I can have a stangrapher all of my own. Do you want to job?"

The woman turned and fased ber husband. The fact that the elevator had come and gone made so difference to her.
"Remy Cecil! Are you drunk? What is the job? How much do you get a year! What tid you do?"

"Rooting Occal are you ortust," what is the jost of the would have you get a year? What did you do?"

It may going to draw fifteen thousand a year, and, the standard of the s

drains and dictate the dreams to a sides."

"I will be the ideno" whispered Arline. "Freen what I knew of your dreams, I would not think of your dictating them to any other wanns, and outstain the hisperial probability of the control of the different factors."

AS quietly as possible, the Universal Air Corpora-

AS quietly as possible, the Universal AFF Geoppars, then hought lead in New York City. Most of the person with the control of the Control of

In the meantime, not a weed leaked out in regard to the ultimate reason for the apparently reckless speriding of meany. The stock in Universal Air dropped heavily. It was runnered that their financies were in despressive condition. After months of low, prices it begans to skyrocked, Ai took if was selling off or five handred a there and no offers. Perrival Prevent and his case of the stock of the selling officials when the selection of the selling officials when the selection of the selling officials who ever selling officials when the selection of the selection of the selling officials when the selection of the selling officials are selling officials.

Massimo, shad inwere began to rise here and there, in the city and a round it. On a city let a tower, she have all the city and a round it. On a city let a tower, she hundred feet hagh, would be contributed. All the rest of the ket would be open to the air and caragint, at thousand questions were subset as to the purpose of this were unanovered. Out in the country these towers stood in rows, in companies, almost in regiments, but nevery instances there was a large sex of mexcuping ground around each tower, and as much uncoupled ground around each tower, and as much uncoupled after. All required effectives on the tweer pentlan period.

The Universal Air Conjection had suspended the colling of share, pending the coupleting of their new design. Other manufactures of panes west will over the prospect of reading their competition out of business. The stock market sec-sawed like a shift's play-thing. And then, minutaneously, in five hundred newspapers all over the nation, appeared a series of full-race advertisements.

"Why pay rent? Do you want to live in the sir?
"Are you tired of confinement in an aperiment?"
"Then why not hay an air home and more whenour you pleas?" Let Universal Air Corporation one you pleas? Let Universal Air Corporation and cated down whenever you. Let us to be a plane and be your own kindlend.
"We sell the slakes and furnish the service. We

notto is going to be SERVICE FIRST.

"Everything you need for your comfort and the proper functioning of your home will be supplied at our SERVICE FILLING STATIONS at a low cost on a monthly charge account. "We are prepared to place one million families in air hoose in the next year. WILL YOUR FAMILY BE ONE!

"Sample between are open to inspection at five hundred of our largest cities. Air service stations will be built amerding to the distribution of cales. "If you have a plane henc, you can go anywhere and find service and security and a home at one of our service stations.

WHY PAY RENT?"

The abortlement both the aution by stern. It was the first intelligent offert to solve the solvening precision that the state of the solvening precision is ing of the sample plants to imposition, guider process of the sample plants to imposition, guider process of the sample plants of the solvening plants of the process of the sample plants of the plant death rate of the sample plants of the plant death of the sample plants of the plants of the plants of the the end of the past. But God lind standards of the sample plants of the plants of the plants of the sample plants of the sample plants of the plants of the sample plants of the sample plants of the plants reported to the company it the Poils in this state of the plants reported to the company it the Poils in this state of the plants reported to the company it the Poils in this state of the plants reported to the company it the Poils in this state of the plants reported to the company it is presented to the plants reported to the company it is Poils in this state of the plants of the plants of the plants of the Poils in this state of the plants of the

Congress. The compellation, they dashed, was middly Up to that likes, no family had been as high to survive without either overling or returns lead in state form, the control of the cont

A longed to provious, and if that was the case, then it was the property of the lundworser. Competition in housing was welcomed, but it must be equitable. A full was introduced into Congress, naking a state and nutleaul at all-race possible, to be paid by the owner of the areplane, not to scened true percent per arrams on the cost of the plane.

By the time this HM was introduced, a million marrae

but bost soid and ten million orders received. Their meant eleven million families that were interested, as least twenty million voters. They simply formed a helby, francool by the irr distorents. The bill mover come out of the committee. It shed there. There was only one thing for the preceivery sowners in the herry others to do, thing for the preceivery sowners in the herry others to do, thing for the preceivery sowners in the herry others to do, thing for the preceivery sowners in the herry other to do. The second that the preceiver is the preceiver as the preceiver as the preceiver with the cast of operating as a lick-tome. Birty, this was done, but even at the attractive realists no one wanted to live is an apearment when the could live in a place.

Henry Coul logs to dreaming. In these dreams he followed one course. Me insurinced every possible things that he received in his sur-leaves to make the pheasant that he received in his sur-leaves to make the pheasant there needs could be supplied. Thus, he was able to make raillions of little families centered and millions of little wive happy. For example, he are the necessity of the communities had all boughts, with most-near arrive supplied at sect. Every thousand all-themson arrive supplied at sect. Every thousand all-themson

for them grew.

For many generations the American citizen had been exceptions to coming his own better. Whin the time of the property of the property of the property of the property of the dealer to possess property. The files of almost the dealer to possess property. The files of almost the property of the property

Corporation made it easy for families to buy, but had it been hard, the Common Perple would still have wanted to own their own six-homes.

AFVER the first million had been made and sold, assured styles were placed on the market. There was a variation in size, notice power and the quistic of

Two things were slike on all of the planehouses, no matter bow much they cost. There was no place pro-He had argued that the primary purpose of the planer hand had a majerate manne. The househald work was reduced to a minimum. If a wife was so rich and so she and her family ought to live in a city apartment with servant's quarters. The other point of uniformity dollar air-home had the same connection that a twentyfive hundred dellar one had. Each plane had meals kind of a cylinder, even though one meal might cost twenty dollars and the other twenty-three cents. There was no difference in the air service stations, the rich and poor had to go together. There was a difference in the home stations, but this was based on other social standings than financial ones. For instance, there were barne stations where all the plane owners were college graduates. Others were patropized by groups of middleaged childlen couples, while still others were reserved for those with young children. But in no case was the The constant trade slopes of the correspondence was Spec-

INF PROF. The next advertising motio was Savery FREET. It was realized that one wanted to live in the air if he ce she had to be worried all the time for four actions of the savery of the savery of the savery of the satery device was used in the construction of the sair bones and many additional features were levented that were shoulding soon. The facine of adary was attenued accident received while eccupying the air-beaus, either while it was realing on a service station. Accurate establistic it was realing on a service station. Accurate establish that the said think were safer in the air than on the

So, the American public become air-senzolous. If all, the merican because the smart fainty to live it has the . The merican because the most fainty to live it has the . The merican because the strength of the smart shows the strength of the smart shows t

through the dreams of Henry Cecil, of the suthetic side

of life. He throught of an invention wheneby the east type of a printed page could be transel into beautiful applies Rapids, and at one to the other service was hardled to be a superior of the country of the hard of the country of the country of the country country on through the onlyforms and raid adout to bein, evaning and look at the same; pridiging the choice and, at the same time, foreign the carpidous, hour the laster to row of the world's chance, hour the place at the same time, for the country of the co

Vest. It meant comething for a man and his wife to move

During all these months the real estate operators in New York and the other large cities of the United States had not been sife. To have a million families leave amartment life was serious; to have ten relition for their use was a columity that threatened their vers existence. It is believed that had there been only one autagonist in the field, the Universal Air Corporation. in time the real estate owners would have won the buttie by strictly legal recent. But the sirelans vecus, facturers were shrewd enough to look into the future. foresee the comemic battle and prepare for it. They had as allies all the various syndicates that supplied the necessities of mankind. For example, one firm had the exclusive right to sell hoslesy at the service stations. A lady wishing to purchase hose, handkerchiefs or lingerie could simply order an assertment sent directly to her air-home, select what she wished record the rest and have the charge placed on her monthly bill. proaching struggle. Bents were lowered in the anartment sections of the

city. An effort was made in some of them to introduce nervice that would compete with the service of the airhomes. The brightest minds of America tried to invert methods of living, whereby mankind would be induced to remain in bouses, on the earth, and may rent. Some It was a looing battle, and it was easily seen that the only factor keeping the middle class on the ground was a lack of sufficient air-homes to house them in the air. Meantime, millions and even billions of dellars were not paying a fraction of one percent on their investment in cement and atractural steel. Only a small proportion of the anartments were varated, but the loweraway sil the profits of the building. In many cases the rental income was hardly enough to pay for the taxes and igniter pervice. Men who exceed ten militon dellars worth of property often locked the cash necessars to pay for the needed require. It is no wonder that they became desperate.

The culture provides had any occur and prebated newton. Never peeting most of the provides of the culture provides and the culture and in many intensect tried. Nothing hospital, All last they became desperate. Something had to be done and diese at some. It was clift that any ergor the could not be made public. So a committee was repetated with aulimated power. They me and decided that they present to the same and the country of the country present the country of the country of the country of the present of the country of the present of the country of th

They decided to employ one men,

They relacted James E. Kidd. For tweaty-due years It dad not make any difference to him which side he was on, what the fighting was about, or how many were oning to be killed, so long so be received his new regudozen nations had money offered for him, dead or aliva. glodly had him in its employ if, by doing so, it were able to derrive its enemies of his services. He had been

field. He had made a dozen fortunes and lost twolve He had lost everything except his honor and his con-

He had been smable to lone there because he had never It was to this man that the secret committee of realestate dealers turned. They told him bluntly that they wanted comething done to make life in the air unpopular. They were willing to pay the bill, but if he was

detected they were not willing to assume any of the He was to be a financial hero if he was successful, but simply an unknown, unauthorised criminal if he failed After telling him what they wanted done, they asked hire for his methods of voing after the results. "I do not think I ought to tell you," he realed. "Any-

thing that I am going to do that will produce the results know in advance what my plans are, you will have quilty consciences; as it is now, you simply have a fisttened hank account. Fortunately, you are paying me with cash, and not in bills either, as they can be so easily marked. Gold is the thing. Twenty-dollar gold with a reading plans to not if they are okay. You just leave me slone; and, no matter what nows you see in

That was the end of the conference. For the next wrek James K. Kidd investigated the affairs of the Universal Air Corporation. The result of that study showed him one thing. Every improvement in their business, every remarkable innovation, was the result of the suspentions of one man, and that man was Henry Provens. This remarkable fact being thoroughly estab-

Ceoil to a place where he could no longer advise That required another week of study. He wanted to learn the habits of this dreamer, where he worked. where he risged and where he lived. This did not take long. The telephone directory gave him the location of nary to visit him at night was to ascend the circular escalator, sten off at leave fifty-presen, and so into his that, everything would be casy. In fact, he would not

through the window would remove the man to other It was Kidd's idea, that once Cecil was out of the enthuriarm would die out and the people would be conshame to kill a man just because he was clever, but this crty valuations. Kild felt justified in removing him.

After the decision was arrived at, all that was necespary was to wait for a stormy night. Kidd wanted a period of thunder and lightning, an bour of noise and confusion, when everyone would be satisfied to stay in rial that was thoroughly insulated against the electricity of the air. He wasted patiently for such a night and at last it came. He matered to the hare of the arrservice station, paid the taxt driver and carefully steroed on the accepting escalator. He had studied these movable stars and he know that each level was carefully and thoroughly marked. At last he came to level fifty-agent and walked around to Side C. It was all as it should be. On a small brass plate was the name, "HENRY CECIL." There was an open decrease, and between the sur-home and the doorway a rubber white form extended, with sides high enough to shut off a

view of the ground and make the because across per-Kidd had never been in an air-home. A day prior to

the conference with the real-estate operators he had the array of a small South American revolution. he had studied the plans of the air-homes and had been careful to perfect himself in every feature of them. The fact that the landing platform was out, made everything much easier for him; otherwise he mould have had to crawl out over the service tube-no easy task, with the wind howling and the rain coming in blinding The landing platform was out. In a period of sheer

absent-mindedness. Cecil had formitten to press the ning. His wife had extertained at bridge that afterwas no need of her planing over for him. He had been thinking of many things as he ascended the circular escalator and almost stepped off at level

57, Slide C automatically, as though in a dream. Artine. the dilatable air platform so be could walk right into the sir-borns. He had done no, started at once to tell button which would instantly empty the platform of its air and allow it to roll into a long cylindrical opening on the side of the plane. They had their supper, and then, smid the guiden

glow of a summer sunset, the clouds had gathered and a thunder storm bore down on them. They liked it. It was the work of a few minutes to put the namer dishes and napery back in the food cylinder and sunt it down the service tube. A button pressed allowed the colisneed table to enter the floor. Another botton pressed brought up a love-seat for two, and on that love-seat They were happy. Life had been kind to them. Arline was contented, because her man was happy and

Henry was harov because he was filled with the ratisfaction that comes from the knowledge that he had been able to make millions of his fellow men harny. So, in lightning, they not, contented with life. When Kidd arrived on the landing platform, it was

were no lights in the plane, but as he looked through the window what he could not two heads above the back of the lave test. It was hard to tall which was the rear. He did not want to make a mistake and kill the woman. them left the test, and a fisch of lightning told him man had become too clever. He was destroying necewhich one that was. He drew his revolver; it was a

meanon that had never failed him. He was not only see

AMAZING STORIES QUARTERLY

expert markiman, his he had spent long hours practicing shooting through glass. There was a trick in that; allowance had to be made for the refraction of light. Once Arling, in a gesture, threve one arm above her bead. At the same time a fish of sheet lighthing aboved the white arm and the deamond bracelet. That was

Once Artinis, is a gasture, turne one arm anove for head, at the same time a flash of sheet lightning aboved the white arm and the chancord bracelet. That was crosselt. The head on the left was the man't. That was the one to shoot for—the next time the lightning gave sufficient light. But for free minutes it was dark and in that free min-

ute Benry Cerl and his wife decided to retire for the night. Arline was a typical woman. She hated the idea of going to hed without lecking up the house and putting the cut out. There was no house and no cut, but in the plane haten there was a landing platform. Night after night she saixed the same question: "Heavy, have you closed the landing platform."

"Henry, have you closed the landing platform?"

The night he had to admit that he had not. In the dark, throughly familiar with every square fost of the cahin floor and walls, he walled over to the centrel heard and present the hutton. In a second's time the six was out, and the platform rolled up into the plane. Aritice was nervous and cried, "I thought I heard a

"Nonstree, my dear," said her dreamer husband,
"that was just a gost of wind ageliast the side of the
plane."
The next morning Heavy Cecil arede carifer than
usual. Dressing slowly, be finally said down, put the

used. Deceasing seaway, his makey as a coven, you the acryphouse or and pressed the botton for the morning earth of the contract of the contra

our mettoes is Safety Pirst. I will have to invasting as it. Such calamithes must be prevented in future." But all the investigation failed to reveal just how this man had met his death, and, after spending the unit all the at the Morgan, he was buried in a number grave to Proton, Field.

M EAVTIME Coult had been devanting scene now. The sale of nir-brees was satisfactory, the investment of the various service corpusates was entirely in keeping with the premiser made when the consistency of the control of the contro

Freigness controls makes on the same methics of our concern are Service First, Bathy First and Happiness Flint? The success of the business has dependent our faithful adheemes to these principles. I am frashly worzies. The Air Corporation has rises high, but induiting so it has steeped on the test of conception. The steeped was been been able to the conception of the service for the service of the service for the service of the service for th

"They had had to lower their rentals."
The President laughed:
"But that is what we were after."
"I know, but we have been too successful. We wanted some people to live in the air, but it is ending in almost wearpholy wanting to low there. Something has to be

some people to live in the air, but it is ending in almost everybody wanting to live there. Something has to be done about it. New, my plan in this, Enlarge your corporation and make it begger and better. Call it the Universal Housing Association. Pool all your interests and release stock. Offer to have any New York weal cotate that is offered at a fair value and you for it to stock of the new company. All anartment bouses that air-service stations. Those that are less than ten years of uge convert into factories and office buildings. I New York if there were sufficient office snace and homes. As far as that is concerned, a man could have his office in New York and him in an air-home anywhere he wanted to. There would be no trouble in renting offices, and I think that there would be a large demand for fac-There might be a number of the spartments that could

he made into combined factories and harne for the faces wowlers and the rang lives as part of the wagas. All this can be weeked out. It is clumpy a master of the contract of

panditure of millions?"
"And it means the record of hundreds of millions in dividends. But I can not thinking of this in terms of service, many, siz. I mit hisking of it in terms of service, many, siz. I mit hisking of it in terms of service, the commonwealth, We over them a curries that is greater than the servicing of their cars and their homas. We want to make a service that will supply them with largely hence, adoptate lineaues, a con-

to supply a siviso air stations for air-burses. Why not go on and supply service stations for health, prospertiy, comfort and happinose?

"It this a dream, Henry Cetil?" asked the President, assiling. He liked the man, the dreamer who said at a deck in the private office and dictated his dreams to the write.

"Yes, Mr. Provens Call it a dream if you like, but go on and make it a reality. It will now in the long vian. A divided New York can never be a great New York if you are able to gether together all the beauling under one company, then the sun will indeed shime on our city, the greatest in the world. Will it be all raths for me to resuntate an inflatable kiddwoon for mr all-

m "Way, bless my soul, yes. But I didn't know you had s. use for one."
"We haven't at the present time, but you know the y third motio.

they third motto,
"HAPPINESS FIRST."
THE ENG.

RECORD' EXPONENT—We were inspiring or ederational inters, colouising material which can be used as on editorial slong minimum thance. The best form—short 250 words—which can be used as on editorial westly price on the effective press. We will need to be to be pressed. It was please and quantum and quantum and the form of ince. This